Fernando Francisco Azevedo

Address: São Paulo, Brazil
WhatsApp: +55 11 97522-6949
Email: fernando.tech@icloud.com
LinkedIn: https://www.linkedin.com/in/fernando-francisco-azevedo (Up to Date)
GitHub: https://github.com/fernandofatech

Professional Summary

With a 16-year extensive career in the technology sector, I have excelled in DevOps, solution architecture, and software architecture. My professional journey, involving collaborations across the European Union, Philippines, India, and the United Kingdom, has enhanced my communication skills and affirmed my bilingual proficiency in English and Portuguese.

My technical expertise lies in advanced DevOps practices, solution architecture, and a broad spectrum of technologies. I have a strong background in Linux, automation, cloud architecture, network protocols, and security measures. My programming proficiency spans Node.js, Java, TypeScript, Python, and Bash, enabling me to develop robust and efficient solutions.

Recent endeavors have sharpened my skills in deployment automation and continuous integration, vital for optimizing DevOps cycles. Proficient in agile methodologies, especially SCRUM, I excel in leading teams through iterative project deliveries and employ methodologies like DDD, BDD, and TDD to enhance development focused on design, behavior, and testing. My experience also includes developing scalable SaaS applications and implementing microservices architecture.

Significantly, my expertise extends to AWS, where I've worked with services such as Lambda, IoT, S3, CloudFront, API Gateway, RDS, SES, and SNS, utilizing advanced CI/CD practices and Infrastructure as Code with tools like AWS Bedrock. Additionally, I possess in-depth knowledge in Kubernetes, essential for efficient container environment management in modern DevOps operations.

Technologically, I am adept with tools like React, Node.js, Postman, Swagger, Redis, and RabbitMQ, and in developing sophisticated front-end solutions using TypeScript and Next.js. I have experience with microfrontend development using single-spa and skills in integrating AI technologies such as OpenAI and other cutting-edge AI solutions.

As a leader and innovator, I am driven to enhance efficiency, optimize processes, and stay at the forefront of technology. I seek technical leadership roles where I can contribute my vast experience, passion for technology, and strategic vision, especially in positions such as Software Engineer, Information Security Specialist, Infrastructure Analyst, Solution Architect, FullStack Developer, Tech Lead, or CTO. I am particularly interested in remote or hybrid work opportunities, valuing the balance and flexibility these models offer.

Technical Skills

Linux, Automation, Cloud, AWS, and DevOps:
- Linux: Advanced administration, customization, and troubleshooting.
- Automation and DevOps: Proficient in implementing advanced practices in CI/CD, Infrastructure as Code, and automation, utilizing tools such as AWS Bedrock.
- Cloud and AWS: Extensive experience with cloud architecture, particularly AWS, including hands-on experience with Lambda, IoT, S3, CloudFront, API Gateway, SES, SNS, and a variety of other services.

Programming Languages and Frameworks:
- **Languages:** ShellScript, Bash, Python, JavaScript, TypeScript, Java, PHP.
- **Front-End Frameworks:** Next.JS, React, Angular.
- **Back-End Frameworks:** Nest.JS, Spring Boot, Express.
- **Other Tools:** Maven, Docker, Kubernetes, Grafana, Prometheus, Loki, OpenTelemetry, Terraform.

Databases:
- **SQL and NoSQL:** Experience with various database management tools, including TypeOrm.

Security and Performance:
- **Cybersecurity Tools:** Proficient in Kali Linux, Metasploit, Nmap, Wireshark, and robust firewall solutions.
- **Web Infrastructure Optimization:** Experience with Cloudflare for optimization and security.

Microservices Architecture and Blockchain:
- **Microservices:** Experience with microservices-based architecture.
- **Blockchain:** Exposure to Ethereum, BNB Chain, Bitcoin, ERC20 tokens, smart contracts, and ledgers.

Professional Experience

Senior Software Engineer | Ouribank | Jan 2024 - Present | Brazil | Hybrid

- Developing and architecting scalable front-end frameworks and backend-for-frontend (BFF) solutions, focusing on high-performance and usability in SaaS applications.
- Implementing consistent and efficient design systems, aligned with best UX/UI practices.
- Creating rich and interactive interfaces using React, integrating state management with Redux, and optimizing with Next.js for modern web apps.
- Ensuring cross-platform optimization and responsiveness across various devices.
- Overseeing projects from conception to delivery, fulfilling Ouribank users' needs with efficient front-end solutions.
- Leading the development of front-end microservices, ensuring effective integrations and simplified maintenance.
- Applying Agile methodologies, with a focus on SCRUM, for project management to promote continuous value delivery to customers.
- Employing DDD (Domain-Driven Design), BDD (Behavior-Driven Development), and TDD (Test-Driven Development) practices to ensure quality and effectiveness of developed solutions.
- Staying up-to-date with the latest trends in front-end development and emerging technologies.

Promotion: In May 2024, promoted to Senior Software Engineer for the Architecture sector.
- Leading architecture design and implementation for front-end and BFF solutions.
- Ensuring the alignment of architecture with business requirements and technical standards.
- Collaborating with cross-functional teams to define technical solutions and ensure successful project delivery.
- Providing technical leadership and mentoring to team members on architecture best practices.

Senior Software Engineer | Osten Moove | Nov 2022 - Dec 2023 | Brazil | On-site Particular

- Leading the architecture and front-end foundation, ensuring advanced scalability and robustness of the application.

- Spearheading the design of user interactions, focusing on maximizing user engagement through high-performance features.
- Driving the development of sophisticated back-end applications with an emphasis on high availability and fault tolerance.
- Establishing servers and database structures that emphasize security, data integrity, and high-volume traffic management.
- Championing cross-platform optimization to provide a seamless user experience across various devices.
- Guaranteeing the responsiveness of applications, prioritizing mobile-first design, and accessibility standards.
- Collaborating with graphic designers to innovate web design features, aligning with modern design trends and user expectations.
- Overseeing projects from ideation to launch, ensuring timely delivery while adhering to the highest code quality standards.
- Designing and implementing RESTful APIs to facilitate efficient and secure application interactions.
- Balancing technical solutions with consumer-centric approaches to address and surpass user needs effectively.
- Mentoring junior developers and encouraging best practices in code health, testing, and maintainability.
- Keeping at the forefront of application development and programming languages, and applying cutting-edge solutions to complex problems.

Pleno Software Engineer | Osten Moove | Mar 2022 - Nov 2022 | Brazil | On-site

- Developing front end architecture.
- Designing user interactions.
- Developing back end applications.
- Creating servers and databases for functionality.
- Ensuring cross-platform optimization.
- Ensuring responsiveness of applications.
- Working alongside graphic designers for web design features.
- Seeing through a project from conception to finished product.
- Designing and developing APIs.
- Meeting both technical and consumer needs.
- Staying abreast of developments in applications and programming languages.

Blockchain Engineer | Osten Verse | Contract | Nov 2022 - Present | Brazil | On-site

- Working on the blockchain part of a system based on microservices architecture, with the main objective of delivering a clean architecture to process cryptocurrency transactions.
- Technologies used: Typescript with NestJs, framework (node + express), TypeOrm, Managing SQL and NoSQL data models, RabbitMQ, Docker, Kubernetes, Test suite, Jenkins pipelines.
- Blockchain technologies: Ethereum, BNB Chain, Bitcoin, ERC20 tokens, smart contracts, ledgers.

Full Stack Developer | Freelancer.com | Jan 2019 - Jan 2022 | Ireland | Home Office

- Working in the field of back-end, front-end, database development and my wide side of the experience are full-stack development, unit testing, integration testing, and UI testing.
- Platforms/Frameworks: Java, JavaScript, Python, PHP, Docker, Kubernetes, NodeJS, TypeScript, Maven, Spring Boot, Laravel, CodeIgniter, CakePHP, SlimPHP, Google Maps API, Mapbox, Leaflet, D3.js, ReactJS, Redux, React Native, Angular.
- Working mainly with responsive sites that can be accessed by PC or even mobile, RESTful API.
- Deeply involved in all projects, from start to finish, providing the best available solutions.

Resource Planning Administrator | Derrycourt Cleaning Specialists | Jul 2020 - Apr 2021 | Ireland | Full-time

- Liaising on a daily basis with other supervisors and Regional & Area Managers.
- Ensuring planning and scheduling needs of the business are met in a timely manner.
- Resolving scheduling or planning conflicts proactively.
- Highlighting in a timely manner, resourcing issues to manager and working to resolve them.
- Maintaining and updating requests in Salesforce & TMS.
- Ensuring operatives are dispatched to client sites who are suitably trained.
- Updating Supervisors & / or Regional & Area Managers via CRM and email with details of cover arrangements.

Customer Service Representative | General Services | Feb 2017 - Jul 2020 | Ireland | Full-time

- Providing outstanding customer service to several clients; identified and assessed customers' needs to achieve satisfaction.
- Built sustainable relationships and trust with customer accounts through open and interactive communication.
- Handled customer complaints, providing appropriate solutions and alternatives within the time limits; followed up to ensure resolution.
- Ensured the extra mile was taken in order to engage customers.

Education

Higher Diploma in Science in Computing, Level 8
CCT College, Dublin, Éire/Ireland | 15/01/2019 – 15/02/2020

Associate's degree, English Language
The English Studio Dublin | 2017 - 2018 | Dublin, Ireland

Honours Bachelor's degree Business Administration and Management
Universidade Metodista de São Paulo, São Paulo (Brazil) | 15/01/2010 – 10/12/2012

Computer Science CS50X
Harvard University | 10/09/2021 – 20/02/2022

Licenses & Certifications

- Docker Mastery: The Complete Toolset From a Docker Captain, Issued: Sep 2019, ID: 9080a9a4-1d39-4966-9239-c240066b0d9d
- Become an IT Security Specialist, Issued: Mar 2020
- macOS for IT Administrators, Issued: Mar 2020
- Advance Skills as an IT Help Desk Specialist, Issued: Feb 2020, ID: AXreS8jyANUKhR7UbBZBF70J7Cb_
- CompTIA A+ Cert Prep (220-901 and 220-902): The Basics, Issued: Feb 2020, ID: ASIeT8i4PII98_J63vv7U8NuO9j7
- Apple Certified Mac Technician (ACMT) Training (2017), Issued: Sep 2018
- Apple Certified iOS Technician (ACiT) Training (2017), Issued: Sep 2018
- MacOS Support Essentials 10.13 (High Sierra 101) Training (2018), Issued: Jul 2018

Projects

Osten Verse: Specialist in Blockchain and Web3 Solutions
- Web3: Spearheaded the migration and innovation of web3-based products and services.
- Blockchain as a Service (BaaS): Led the development and implementation of groundbreaking blockchain products.
- NFT Market: Architected a dynamic NFT trading platform.
- Launch Platform: Rolled out a robust platform for the inception of avant-garde blockchain projects.
- Consultations: Provided expert consulting to startups and firms focusing on blockchain, web3, and cybersecurity.
- Verse Sign: Championed the development of a blockchain-based electronic signature solution. Implemented features ensuring quick, secure, and reliable digital signatures. Spearheaded the development of dedicated iOS and Android applications for platform access and utilization.
- Verse Profile: Blazed a trail with the inception of an online identity protection solution using blockchain technology. Crafted exclusive NFTs to verify profiles on social networks. Rolled out an NFT card game, offering users a gamified experience.
- Strategic Consultation for Startups: Extended specialized cybersecurity consulting, assisting startups in safeguarding their digital assets and infrastructure. Advised on blockchain and web3 solutions, steering startups in the deployment and utilization of these nascent technologies.

Volunteering

United Nations Software Engineer | Jan 2020 - Apr 2020
- Develop ERP School Management System App for refugees & students in low-income areas.

Honors & Awards

- First-class Honours Grade
  - Date: Jan 2020
  - Associated with: CCT College Dublin
  - Grade: A

- The Dedicated Student Award
  - Date: Jul 2018

- Best Grades Award
  - Date: Jan 2013
  - Associated with: Universidade Metodista de São Paulo
  - Note: Awarded for the 5th best grades of college.

Test Scores

- IELTS English Language Test
  - Score: 8.0
  - Date: Dec 2018

Languages

- English
  - Proficiency: Native or bilingual

- **Portuguese**
  - **Proficiency:** Native or bilingual

Additional Information

- **Availability:** Ready to start immediately.
- **Work Arrangement:** Open to Contract-to-Hire (CTL) or Legal Entity (PJ) employment.
- **Smoking Status:** Non-smoker.
- **Family:** Married with one daughter.
- **Work Preference:** Preferably looking for fully remote opportunities, but open to hybrid work if necessary.
- **Citizenship:** Currently in the process of obtaining Portuguese citizenship.