Burzaco, Argentina
1151136155 franciscofares23@gmail.com

Francisco Fares, Software Engineer

Highly motivated and detail-oriented Software Engineer with 3 years of experience in designing, developing, and deploying innovative software solutions.

Employment History

Systems Integration Engineer at Rakkau, Buenos Aires

June 2023 - Present

- **Design and Architecture:** Plan system architecture and integration strategies.
- **Component Integration:** Integrate software applications and services.
- **Orchestrator Development:** Design and develop Orchestrators that communicates with multiple tenants and APIs.
- **Testing:** Test integrated systems for functionality and performance.
- **Troubleshooting:** Diagnose and resolve integration issues.
- **Documentation:** Maintain detailed documentation of processes.

University Professor at Universidad Argentina de la Empresa, Buenos Aires

March 2023 - Present

- **Teaching:** Deliver engaging lectures, hands-on workshops, and code examples to help students grasp API fundamentals.
- **Assignments and Projects:** Challenge students with coding exercises and projects to both back-end and front-end knowledge practically.
- **Tech Stack:** MERN & SERN.

Backend Tutor at Coderhouse, Buenos Aires

February 2023 - Present

- **Project guidance:** Mentor students as they work on back-end-focused projects, assisting them in planning, architecture design, implementation, and debugging.
- **Code reviews:** Provide constructive feedback on students' coding assignments, projects, and exercises to help them improve their coding skills and understanding of back-end concepts.

Software Developer at Exxonmobil, Buenos Aires

February 2021 - August 2022

- **Micro-services development** (Node.js, express, c#)
- **Web development** (React)
- **Applications maintenance**
- **Communication with customers from all over the world**

Education

Software Engineer, Universidad Argentina de la Empresa

2018 - 2022   Grade: 8,03

Skills

- ◯ **Node.js**
- ◯ **React**
- ◯ **SQL**
- ◯ **Javascript**
- ◯ **Typescript**
- ◯ **MongoDB**

Languages

- ◯ **English** B2
- ◯ **Spanish** Native Speaker

Projects

miBanco, Perú

May 2023 - Present

Led end-to-end initiatives encompassing the design, development, and successful deployment of high-performance application flow orchestrators for the esteemed Peruvian bank "miBanco". Strategically orchestrated seamless integration with the bank's on-premises microservices, as well as web and mobile applications to provide IAM (Identity & Access Management).

Dressy

January 2022 - December 2022

Developed a sophisticated native application leveraging Augmented Reality (AR) technology to showcase 3D clothing items. The application facilitates a seamless customer experience by allowing them to virtually try on elegant clothing pieces. Utilizing an advanced artificial intelligence model, the application intelligently analyzes subtle facial micro-expressions of the user during the try-on process. This innovative feature enhances the customer interaction, providing valuable insights to clothing brands. Generated detailed analytical reports based on the AI-driven micro-expression analysis, contributing to data-driven decision-making for clothing brand partners.

Multi-tenant SSO

March 2021 - August 2021

Architected and implemented a robust multi-tenant single sign-on solution leveraging Node.js and Express.js as the back-end framework for the Application Integration project (UADE 2021). Spearheaded the design and development of a seamless user authentication and registration mechanism, elevating the project's capabilities. Skillfully integrated the JWT (JSON Web Tokens) protocol in conjunction with advanced asymmetrical encryption techniques to generate secure user tokens. This innovative approach ensured streamlined access and authentication across multiple tenants while maintaining the highest standards of data security.