Jose Raimundo Oliveira Da Silva
Senior Full Stack Engineer |
JS, TS, Php, Python, React, Vue, Next, Node, Express, Laravel, Asp.net |
Apollo GraphQL, Agile

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SUMMARY

I have over 9 years of experience in software engineering with a focus on full stack web development.

I graduated with a **bachelor's degree** in software development from **The Hong Kong University of Science and Technology**, where I learned and applied various concepts and techniques in programming languages, data structures, algorithms, artificial intelligence, and computer graphics. I have skills in **real-time update single-page applications**, **c**++, **javascript** and **python**. I am passionate about creating **innovative** and **user-friendly software** products that can enhance the quality and development speed. I enjoy working with a diverse and collaborative team of **engineers**, **designers**, and **product managers**, and I always strive to deliver high-quality and reliable solutions that meet the needs and expectations of our customers.

WORK EXPERIENCE

PLASBIT   Warsaw, Poland
Senior Full Stack Engineer (**Remote**)   *Oct 2022 – Sep 2024*

- Engineered backend systems with **Node.js and Express.js**, boosting system performance by **30%** and slashing server response time by **50%**.
- Spearheaded the development of **RESTful APIs** with **Express.js**, leveraging Swagger for documentation, enhancing integration speed by **40%** with Plasbit's encrypted products.
- Optimized database management with **Mongoose and MongoDB**, reducing query response time by **20%**.
- Pioneered the transition to microservices architecture using **Docker and Kubernetes**, increasing scalability and lowering infrastructure costs by **25%**.
- Introduced service mesh solutions with **Istio**, improving microservices **communication latency** by **15%** and reducing security incidents by **40%**.
- Integrated **GraphQL** for data queries, decreasing data retrieval time by **35%**.
- Enhanced caching strategies with **Redis**, reducing data access times by **50%**.
- Built CI/CD pipelines using **Jenkins**, cutting deployment time by **70%** and doubling deployment frequency.
- Implemented distributed tracing with **Jaeger**, improving system observability and reducing debugging time by **60%**.

Skills: React · Next · Node · Express · MongoDB · Microservices · AWS (S3, SNS) · PostgreSQL · Redis · Kafka · API Design

DIGITAL JUGGLER   Queensland, Australia
Full Stack Engineer (**Remote**)   *Oct 2019 – Sep 2022*

- Developed robust backend services with **Python**, handling over 500, 000 daily **API requests** and increasing **processing efficiency** by **40%**.
- Constructed microservices with **Flask and Django** supporting 3+ client applications, reducing feature development time by **25%**.
- Reengineered **PHP components**, lowering integration errors by **30%**.
- Provided consulting on Python data processing and automation using tools like **Pandas and NumPy**.
- Maintained and updated backend services in **Node.js** (**Express.js**), applying modern practices and performance enhancements.
- Deployed serverless functions with **AWS Lambda, S3**, cutting infrastructure costs by **35%**.
- Mentored and led a team of **4 junior developers**, on best practices in **Python, PHP, and Node.js**, elevating team productivity by **20%**.
- Authored 200+ test cases using **PyTest**, **PHPUnit**, **Mocha**, and **Chai**, improving code reliability by **30%** and reducing bugs by **15%**.
- Partnered with frontend developers, enhancing user interfaces with **React and Vue.js**, leading to a more cohesive application experience.
- Coordinated with **Scrum Master and Product Manager** on sprint planning, **daily updates**, and **problem-solving**, streamlining **project execution**.

Skills: PHP · Laravel · Python · Flask · Django · PyTest · PHPUnit · Mocha · React · Vue

CIENTX   Hong Kong, China
Front End Developer   *Dec 2015 – Sep 2019*

- Developed real-time, 100+ responsive interactive web pages using Redux framework with React components, ES functions, ant-design, Material-UI, and TailwindCSS.
- Developed 30+ responsible mobile-kindly pages using React, GSAP.
- Refactored Javascript of ReactJs and NodeJs to Typescript by implementing Vite instead of Webpack.
- Centralized past sales data by developing a sales microservice using python, Microservies, Javascript,React to enable real-time updates & easy visualization of progress for tracking individual & business goals.

Skills: ReactJS · VueJS · GSAP · Unit Testing · Git · Jira

EDUCATION

The Hong Kong University of Science and Technology   Hong Kong
Bachelor of Engineering (BEng), Computer Software Engineering   *Apr 2011 – Oct 2015*

KEY PROJECTS

Populated Centralized Cryptocurrency Exchange Platform

- l By developing the centralized platform for decentralized cryptocurrencies, the exchange of various cryptocurrencies along with large crypto assets has become much easier than before.
- l Existing projects built solely by Meteor and Mongodb have become more scalable by dividing them into front-end and back-end parts.
- l The security of the platform has been strengthened by adding all verification features such as 2fa, identify verification, phone, email.
- l Keeping the high-quality code and high-speed project by workflow system, testing process and regular realizing product system.
- Released the sub-projects for advertising with different programming languages such as PHP, Node, react and tailwindCSS.

CERTIFICATIONS

- **AWS Certified Solutions Architect** – Amazon Web Services (Feb 2024)
- **Full Stack Engineer Certificate** – Pro5 (Oct 2024)
- **Vue.js Developer Level 1** – Certificates (May 2024)
- **C1 Advanced English Level** – Seal (Oct 2024)

SKILLS

Technical Skills

- **Languages**: C/C++, C#, Javascript, Typescript, Python, PHP, GraphQL
- **Frameworks**: Node, Express, Nest, ASP.NET, React, Next, Vue, Apollo GraphQL, MySQL, MongoDB
- **APIs**: RESTful APIs, Microservices Architecture
- **Cloud Services**: AWS (EKS, S3)
- **Databases**: PostgreSQL, Mongodb, MySQL, Redis
- **Version Control**: Git, GitHub, GitLab
- **Tools**: Docker, Postman, GraphiQL, Jest, Docker, Mocha
- **CI/CD Tools**: Jenkins, Docker, Kubernetes

Soft Skills

- Strong communication and collaboration skills
- Proficient in Agile methodologies
- Expertise in problem-solving and debugging complex systems