

Felipe Malara

Software Engineer

malarahfelipe@gmail.com | [linkedin.com/in/felipemalara](https://www.linkedin.com/in/felipemalara) | github.com/malarahfelipe | stackoverflow.com/users/12701848/felipe-malara

Summary

With over 7 years of experience as a Senior Software Engineer, I specialize in developing scalable web applications and robust APIs, primarily focusing on SaaS solutions. My expertise spans multiple programming languages including Python, Golang, PHP, and Typescript, complemented by extensive experience in cloud deployments on AWS and GCP. I excel in delivering innovative solutions that drive business growth and enhance user experiences, with a strong foundation in QA methodologies to ensure product reliability and performance.

Skills

Programming Languages:

- Python (Django/Flask/Quart)
- Golang (Gin, Fiber)
- PHP (Laravel, Symfony)
- Typescript (Node, Deno, Esbuild, Vite, Webpack, React, Angular, Vue)

Soft Skills:

- Agile/SCRUM Methodologies
- Strong problem-solving abilities
- Thrives in a fast-paced environment

Quality Assurance (QA) Focus:

- Implementing robust QA processes to ensure product reliability and performance
- Test-driven development (TDD) and continuous integration (CI) practices
- Proficient in automated testing frameworks like Jest, Cypress, and Robot Framework
- Conducting code reviews and ensuring adherence to QA standards

Databases:

- Relational: AWS RDS, MySQL, PostgreSQL.
- NoSQL: GCP Firebase, ArangoDB, MongoDB.
- ORM: Prisma, Drizzle, TypeORM, SQLAlchemy, Django, Mongoose, Sequelize

DevOps & CI/CD:

- CI/CD pipelines (Yaml, CloudFormation, Kubernetes, Github Actions, CircleCI)
- Containerization technologies (Docker, Kubernetes, ECS)
- Message brokers: Kafka, RabbitMQ
- AWS: Api Gateway, Lambda, EC2, ECS, SQS, SNS, CDK, CloudFormation, CloudWatch, Load balancer, Serverless Framework.

Experience

Lead Software Engineer

Profasee (Florida, US)

JANUARY 2024 ~

SaaS: Profasee offers AI-driven dynamic pricing for e-commerce, optimizing product prices in real-time to boost sales and profits through data analysis.

- Designed and developed full-stack applications using React, Node.js, and PostgreSQL to enhance the user interface and backend performance of the pricing platform.
- Implemented RESTful and GraphQL APIs to streamline data exchange between the front-end and back-end systems, reducing response times by 40%.
- Led a cross-functional team in building and deploying microservices on AWS, improving system scalability and reducing downtime by 30%.
- Developed and maintained CI/CD pipelines using GithubCI and Docker, ensuring smooth and efficient deployment processes.
- Collaborated with the product team to design and implement new features, resulting in a 20% increase in user engagement and platform usage.
- **Stack:** Typescript, Python, GraphQL, AWS CDK/Lambda/ECS/RDS/S3/Api Gateway, React, Tailwind.

Lead Software Engineer

Drag App (Boston, US & England, UK)

MARCH 2021 - DECEMBER 2023

SaaS: Drag, a Chrome extension with over 100,000 b2b users, the primary focus is to provide a Trello-like experience in Gmail with shared inboxes.

- Use of AI/ML tools to generate insights in productivity.
- Implemented QA initiatives, implementing TDD practices resulting in a 30% reduction in post-release issues.
- Reformulation of customer onboarding that resulted in 400% churn reduction.
- Refactored a legacy application from plain JavaScript to Typescript, Web Components, React, Tailwind.
- Established a microservice based backend to replace the old monolith.
- **Stack:** Typescript, GoLang, Python, GraphQL, AWS Lambda/RDS/SQS/SNS/S3, React, Tailwind.

Lead Software Engineer (Consultant)

AIR (Athletes in recruitment) (Texas, US)

DECEMBER 2021 - APRIL 2022

SaaS: AIR is a sports recruiting platform that connects college coaches, student athletes, and their support network in one place.

- Led the Front-End Team in developing +6 features, which resulted in 30% in user engagement.

- Contributed to back-end with Django development.
- Designed real-time messaging for improved communication.
- Integrated payment provider Stripe with Python Flask, which helped reduce churn.
- **Stack:** Typescript, Python, Tailwind.css, AWS Lambda/RDS/S3, React, Tailwind.

Lead Software Engineer

Emerhub [Companieshouse.id] (India, Indonesia, Philippines, Vietnam)

DECEMBER 2020 - JUNE 2021

SaaS: CompaniesHouse.id is a comprehensive business registration and information service tailored for Southeast Asia.

- Developed Python and Golang backend programs to automate data extraction, saving over 60 hours weekly, saving \$15k monthly.
- Engineered web crawlers for extracting data from 1.078 million companies, facilitating paid analytical reports.
- Implemented robust data scraping techniques for continuous parallel extraction of detailed company information.
- Collaborated with cross-functional teams to refine and present raw data in a user-friendly UI dashboard.
- **Stack:** Python, GoLang, AWS Lambda/RDS/SQS/SNS, Vue3, React, Tailwind

Software Engineer

Emerhub (India, Indonesia, Philippines, Vietnam)

JUNE 2020 - MARCH 2021

Enterprise Software: Emerhub is a company that helps foreign companies enter the Asian market, helping to establish new offices, hire remotely, gather and process companies' documentation.

- Led Full-Stack migration from Vue2+JS to Vue3+TS in two SaaS products.
- Guided team in adopting TypeScript with documentation and examples.
- Enhanced UX with real-time and async processing, cutting user input time by 65%.
- Implemented Vuex for state management with background sync (Firestore).
- Introduced Algolia Search for data lookup.
- **Stack:** Typescript, Vue3, Firebase, Algolia, Tailwind.

Software Engineer

Alterdata (Rio de Janeiro, Brazil)

FEBRUARY 2020 - MARCH 2021

SaaS: Alterdata Software is a leading Brazilian company at the forefront of management solutions, including finance, accounting, business management, and commercial automation.

- Transformed SaaS solutions, improving UX and streamlining financial processes.
- Led development of a web-based payroll platform in Python, React, Tailwind, MongoDB, AWS.

- Created specialized Typescript + Node.js API for reading financial statements from various file types.
- API used to generate paid analytical reports in accounting and finance solutions.
- **Stack:** Typescript, Python, PHP, AWS Lambda/RDS/S3/SQS/SNS/Api Gateway, MongoDB, Tailwind.

Software Engineer

Datahex (Rio de Janeiro, Brazil)

SEPTEMBER 2018 - FEBRUARY 2020

SaaS: Established in 2002, Datahex is a Brazilian tech company specializing in advanced software solutions for the ecommerce industry.

- Led POS software innovations for ecommerce and ticketing in public events.
- Managed a three-person team to develop mobile apps and food ordering systems.
- Revamped mobile app with Ionic, Angular, Typescript, Sqlite, Node.js, growing user base by 400%.
- Developed Food Ordering System alone using React, Typescript, Node.js, MongoDB.
- Implemented real-time order tracking for improved customer-vendor coordination.
- **Stack:** Typescript, Python, PHP, Microservices, Docker, Firebase, MongoDB, Angular, React, Electron, Tailwind.

Solutions Architect

TOTVS (Rio de Janeiro, Brazil; Lisbon, Portugal; Cape Verde)

SEPTEMBER 2017 - SEPTEMBER 2018

Enterprise Software: TOTVS is a leading Brazilian software company, specializing in business solutions for diverse industries, including ERP, CRM, and HR.

Applied Key Solutions for Clients, Integrating Technologies for Streamlined Business Operations.

- Delivered solutions crucial to clients' day-to-day processes, integrating technologies such as Java, Python, Javascript, Node.js, PHP, and ERP solutions.
- Conducted business intelligence analysis by integrating APIs with BI tools like PowerBI and GoodData.
- **Stack:** Javascript, Python, Java, Angular, PowerBI.

Education

Bachelor's Degree in Information Technology and Systems at

Federal Institute of Technology.

2017 - 2020

Anhanguera University.

2015 - 2017