

FREDERICK OUELLETTE

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Full-Stack Software Engineer with 5+ years of experience in designing, building, and maintaining complex enterprise-level projects from the ground up. Proficient in GoLang, PHP, and Java, alongside expertise in microservice architecture, AWS, and DevOps.

Experience & Projects

TUI Musement Milan, Italy Backend Software Engineer 2022 - Present Day
GoLang, Kotlin, Java, PHP, Microservice Architecture, Database Design, DevOps

- Developed a login and permission engine in Java, with AWS Cognito
- Built a custom AWS API Gateway Authorizer to verify JWTs in GoLang

SOURCE Web Solutions Friendswood TX, USA Full-Stack Web Developer 2018-22
PHP, JavaScript, MySQL, Architecture, Design, DevOps
Client: NetWorth Realty

- Built a custom document editor and signature engine in JavaScript
- Designed a permission and user roles engine
- Helped build a mobile-first PWA to help with property information using live location and Google Maps
- Built an automatic commission engine for payouts and bonuses for all agents with a large logic tree

Project: Easy Upsell BigCommerce App

- Was the sole full-stack developer of the project from beginning to end, including architecture & server administration
- Built an upsell engine that injects scripts into BigCommerce stores and shows targeted pop-ups upon checkout
- Built an affiliate system to allow external users to advertise and bring in new stores, and get a commission

Client: Studio Arabiya

- Integrated an AutoPay system with Stripe
- Completed a private messaging system between staff members and students

DevOps

- Designed the newest versions of the company custom framework, adding a custom cron engine, full API page system, ES6 building with Gulp, and a new component system
- Built an Apache virtual host builder, ngrok tunneling helper, and many data-syncing tools in Bash and PHP

Education

Royal Academy of Music in London, U.K. Master of Arts in Bass Trombone Performance 2015-17
University of North Texas in Denton, TX Bachelor of Music in Bass Trombone Performance 2011-15

Certifications and Extracurricular

AWS Certified Cloud Practitioner

Can speak, read, and write Italian - C1 level

Can speak, read, and write French - B1 level

Native English speaker, excellent communication, grammar, and writing skills

References

Dario Mancini Engineering Manager at TUI
Sebastian Floréz Coworker at SOURCE Web Solutions
Elia Diamante Senior Coworker at TUI
Larry Fly CTO of SOURCE Web Solutions

Email me for reference contact information