



SOFTWARE ENGINEER

MOHAMMED TANTAWY

GET IN CONTACT

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Location: Runcorn, Brisbane

PERSONAL PROFILE

A Software engineer with hands-on experience in all parts of the development process, DevOps mentality and always keen to learn everyday and keep up-to-date with new technologies

EDUCATION

AIT UNIVERSITY

Bachelor of Information Technology, 2019

- Excellence award – Interpersonal relationship

TECHNOLOGIES

- Backend: Node.js and Golang
- Frontend: HTML5, CSS3, JavaScript with React
- Version control: Git using Terminal or (Github, Gitlab)
- Agile: Jira Cloud, Open Project and Trello

OTHER SKILLS

- Process complex technical information
- Analyze, design and implement database structures
- Detail oriented
- Excellent problem solver
- Discuss and implement solutions

WORK EXPERIENCE

BACKEND DEVELOPER

CITRUSAD – Brisbane | 2022 – Present

- Designed new services, circulating findings with the team
- Developed REST API service using NestJS, TS, OKTA, PostgreSQL, Redis and Jest for testing
- Set up CI/CD process and infrastructure using Terraform (templating)
- Developed REST API service using Golang, Gin, Redis, PostgreSQL

BANDYER – Milan | 2020 – 2022

- Developed a fully functional backend system for a chat service to replace Twilio using SocketIO, Nodejs, Redis, Docker, RabbitMQ, DynamoDB and GitLab pipelines and Jest (testing)
- Developed Lambdas to update invalidate cache, or manipulate data (DB) using Serverless framework and AWS CDK
- Created web-hooks functionalities for notifications using Nodejs, Redis, RabbitMQ and MySQL
- Refactor and maintained main product using variety of new technologies
- Migrate different services running on servers to run on Cloud (AWS ECS)
- Collaborated with multiple departments within the company such as Mobile, UI/UX and sales
- Maintain documentation up-to-date

FULL STACK DEVELOPER

NOMIT – Melbourne | 2018 – 2020

- Collaborated with a team of 4 people to develop a web application
- Developed REST APIs using NodeJS, Front-End using Angular
- Stored, retrieved, and manipulated data using MongoDB
- Prepared detailed reports for the client

CLOUD ENGINEER

LIFX – Melbourne | 2018

- Modified existing software to correct errors and optimize efficiency
- Collaborated with a team of 5 people to harden the APIs after migration
- Developed an automated testing library to assist the finding bugs