

ALAN OLIVER

SOFTWARE ENGINEER

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PERSONAL PROFILE

I am a software developer with over 5 years of professional experience building end-to-end customer solutions as a full stack engineer. I have extensive SaaS experience building solutions in automation, web scraping, crypto, and accessibility. I deliver complex architectural solutions at speed using spec-driven development with agentic LLMs.

WORK EXPERIENCE

Developer

Intellectible | December 2024 - Present

- Implemented full web-scraping SaaS backend (Puppeteer + proxy pool) securing data access to high-ticket government sites, leading to multiple 6-figure sales within 2 months
- Scaled microservice architecture to handle ~1.5 million requests/month
- Migrated microservices to Kubernetes within 3 weeks with no downtime

Node.js Developer

Recite Me | April 2023 - December 2024

- Developed and created testing procedures for automated accessibility testing of HTML sites in our headless browser microservice, enabling over 40 new WCAG techniques to be covered by our service
- Fixed and updated services to cater for new clients, improving accessibility analysis time by 60%

Delivery Consultant

Global Logic | August 2022 - April 2023

- Led a React competition to test 20 new junior devs on frontend apps for new hires as part of sustainability standards
- Led bi-weekly technical discussion and research presentations for the development capability

Software Engineer

Cudo Ventures | March 2021 - August 2022

- Saved 100s of hours of dev time by building and maintaining the automated testing suite for Cudo Compute platform in Go
- Contributed to the liquidity pool mechanism which alleviated currency fluctuation risk on the crypto mining platform

EDUCATION

LeWagon FullStack Coding Bootcamp

Chengdu, China | June 2019 - September 2019

BA Politics and History (2:1)

Graduated 2016

Online Courses

March 2021 - June 2022

- gRPC [Golang] Master Class: Build Modern API & Microservices - Stephane Marek
- Node.js, Express, MongoDB & More: The Complete Bootcamp 2023 - Jonas Schmedtmann
- Backend Master Class [Golang + Postgres + Kubernetes + gRPC] - Tech School
- Advanced CSS and Sass: Flexbox, Grid, Animations and More! - Jonas Schmedtmann
- Microservices with Node JS and React - Stephen Grider

SKILLS SUMMARY

Technologies & Frameworks

- AWS, Firebase, Digital Ocean
- Docker / Kubernetes
- Node.js, TypeScript
- Full Stack Development
- MySQL, Postgres, MongoDB

Development Practices

- Git
- Spec Driven Development
- Claude Code
- Linux
- gRPC

AWARDS RECEIVED

- Outstanding Student Awards - British Council Mandarin Scholarship Spring and Summer Semesters (2018)
- Duke of Edinburgh Gold Award (2016)
- Year Group Outstanding English Student (2011)