Ollan Muza

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Software Engineer

I am a full stack software engineer with over 2 years of experience building scalable, responsive applications across the full software development lifecycle. Skilled in Typescript, React, Node.js, RESTful APIs, and modern DevOps practices, with hands-on experience architecting frontend and backend systems, optimising performance, and maintaining secure, maintainable codebases. Adept at collaborating with designers, product teams, and DevOps engineers in Agile environments. Motivated, detail-oriented, as well as comfortable mentoring junior developers.

Projects

Full-Stack – Watch Netflix Together (www.watchnetflix.com)
ReactJS | Stripe | ExpressJS | Socket.IO | PostgreSQL | TypeScript | AWS

- Developed a full-stack real media platform with real-time user interactions and modern UI/UX with over 70,000 downloads on google chrome store.

- Built and optimized RESTful APIs and WebSocket-based real-time features (chat, notifications).

- Designed relational database schemas and managed CRUD operations using PostgreSQL.

- Integrated third-party APIs to allow users to access and interact with platform data securely.

- Ensured type-safe and maintainable codebase using TypeScript across frontend and backend.

Chess Experiments (www.chessexperiments.com)
ReactJS | NextJs | Stockfish AI | Typescript | Vercel

- Built an interactive web-based chess platform using ReactJS and TypeScript, focusing on UI responsiveness and smooth gameplay.

- Integrated Stockfish AI engine to enable human vs AI gameplay, move evaluation, and hint generation.

- Implemented chess logic systems including legal move validation, turn-based mechanics, check/checkmate detection, and move history tracking.

Professional Experience

Maintenance/Manufacturing Engineer   *January 2025 – Present*
- Troubleshooting control systems and machine logic, debugging ladder logic and translating technical requirements into functional solutions.
- Discussing technical concepts with non technical stakeholders
- Implemented Agile methodologies, reducing production down time by 20%.
- Developed and maintained project plans, ensuring timely completion of milestones.

- Creating documentation to ensure robust trouble shooting.

Software Engineer

Toru Digital, Northampton, GB   *August 2024 – December 2024*

- Managed end-to-end project lifecycle for software development projects, achieving a 98% delivery rate.
- Facilitated daily stand-ups, sprint planning, and retrospective meetings to promote Agile practices.
- Collaborated with cross-functional teams, enhancing communication and collaboration.

Software Engineer

AsideOfCode, Remote   *May 2023 – Jul 2024*

- Assisted in managing project schedules, contributing to the successful completion of +7 projects.
- Monitored project progress and updated project documentation, ensuring accuracy and compliance.
- Coordinated with vendors and third-party contractors, fostering strong professional relationships.

Education

Mathematics University of Leicester, Leicester, Leicestershire
A Levels   Palmers College, Grays, Essex
GCSE Maths and English A* & C De La Salle, Basildon, Essex

Certifications

1. Microsoft Github Foundations
2. Microsoft Copilot
3. Microsoft Azure SQL Server
4. AWS Cloud Practitioner Foundational

Software Skills

- Javascript/Typescript
- Reactjs/NextJs
- AWS
- PHP
- Git
- Python

- HTML & CSS
- Laravel
- VueJS/Nuxt
- SAP
- Wordpress
- AWS

- Tailwind
- C#
- DotNet/.Net
- SQL
- Mongo
- Azure