

# Ollan Muza

Software Engineer

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A results driven React Developer with hands-on experience building responsive, accessible web applications using React, JavaScript/TypeScript, HTML, CSS, and Node.js. Skilled in integrating REST APIs, developing reusable UI components, and collaborating in Agile teams to deliver clean, scalable code. Passionate about client focused technology and excited to contribute to transforming the connection between business and clients. Certified in Microsoft and AWS, with proven ability to learn fast, share ideas, and deliver reliable features in sprint based environments.

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## Projects Experience

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### **Full-Stack – FS Socials ([www.fakesocials.com](http://www.fakesocials.com))**

ReactJS | NextJS | ExpressJS | Socket.IO | PostgreSQL | TypeScript

- Developed a full-stack social media platform with real-time user interactions and modern UI/UX.
- 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](http://www.chessexperiments.com))**

ReactJS | Stockfish AI | Typescript

- 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.

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## Professional Experience

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### **Maintenance/Manufacturing Engineer**

Pepsico, Leicester, GB

*January 2025 – Present*

- Troubleshooting control systems and machine logic, debugging ladder logic and translating technical requirements into functional solutions.
- Implemented Agile methodologies, reducing project delivery time by 20%.
- Developed and maintained project plans, ensuring timely completion of milestones.

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## 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

Dec 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.

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## Education

**Mathematics** University of Leicester, Leicester, Leicestershire

**A Levels** Palmers College, Grays, Essex

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## Certifications

1. Microsoft Certifications: Github Foundations, Copilot, Azure SQL Server
2. AWS Cloud Practitioner Foundational

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## Software Skills

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|-------------------------|--------------|------------|
| • Javascript/TypeScript | • HTML & CSS | • Tailwind |
| • Reactjs/Nextjs        | • NodeJS     | • C#       |
| • AWS                   | • VueJS/Nuxt | • .Net     |
| • PHP                   | • SAP        | • SQL      |
| • Git                   | • Wordpress  | • Mongo    |
| • Python                | • AWS        | • Azure    |