Tony Smith

Backend Engineer

⊙ Gloucester, UK

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Experienced Backend Developer with expertise in TypeScript, Node.js, and system optimization. Proven track record in designing scalable architectures, enhancing performance, and integrating backend services. Experienced in leading projects and mentoring teams to deliver efficient and reliable solutions.
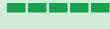
Skills

Core Technologies

JavaScript, TypeScript, C/C++

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Back-End Frameworks & Libraries

Express, Nest.js, RESTful API, GraphQL

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Databases

MongoDB, SQL

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Development Tools

Git, VS Code, Jira, Docker

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Cloud & DevOps

AWS

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Education

University of Manchester

Computer Science

Bachelor of Science

2013–2017

Interests

Continuous learning

Decentralized applications

Certifications

AWS

Experience

Taiko Labs   2022 – present

Senior Backend Engineer   HongKong

- Directed the development and maintenance of Taiko network's backend architecture, serving over 10,000 users.
- Led the implementation of a new data management system, utilizing TypeScript to streamline data processing and improve data accuracy by 20%.
- Conducted backend performance tuning, achieving a 30% improvement in processing speeds and system reliability.
- Spearheaded backend integration with frontend components, ensuring seamless data flow and secure connectivity for over 15,000 daily transactions.
- Designed and deployed a microservices-based architecture, reducing system downtime by 40% and improving scalability.
- Mentored a team of 5 junior engineers, guiding them in best practices including TypeScript usage, resulting in a 20% reduction in bug incidence and fostering team growth.

Evident Proof   2019 – 2022

Backend Engineer   London, UK

- Developed a robust backend system with Node.js and Express.js to enhance data verification and secure digital proof capabilities, achieving a 30% reduction in processing time.
- Created and maintained 10+ RESTful APIs, ensuring 99.9% uptime and enhancing overall system reliability and user experience.
- Collaborated with cross-functional teams to deliver 13+ projects on time and within budget.
- Demonstrated strong ability to do quality work for the usual projects that an individual would be assigned at this level.

Squiz   2017 – 2019

Junior Backend Engineer   London, UK

- Assisted in developing and deploying 5 RESTful APIs using Node.js, achieving 99.9% uptime across production environments.
- Supported optimization of API response times by 30% through performance tuning and caching strategies, enhancing overall system reliability and user experience.
- Participated in 50+ code reviews and debugging sessions, contributing to continuous integration/deployment processes using GitHub.
- Developed 80+ unit tests to verify backend functionality, connectivity, and database interactions, improving code quality and reliability.