Jason Sayeed

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[LinkedIn](#) | [GitHub](#)

ABOUT ME

I am a **software developer** with a strong foundation in **backend and full-stack development**, transitioning from over **10 years in technical support and troubleshooting**. My background in **problem-solving, team leadership, and technical analysis** allows me to approach software development with a structured, analytical mindset.

After completing the **Makers Software Development Bootcamp**, I built and deployed full-stack applications using **TypeScript, JavaScript, Node.js, Express.js, and React,** with a strong focus on **Test-Driven Development (TDD), Agile methodologies, and CI/CD pipelines**. I am passionate about developing scalable and maintainable applications while continuously learning new technologies.

TECHNICAL SKILLS

Frontend: JavaScript (ES6+), TypeScript, React.js, HTML, CSS
Backend: Node.js, Express.js, Flask, TypeORM, Python
Testing: Pytest, Jest, Supertest, Vitest
Databases: PostgreSQL, MySQL, MongoDB (Mongoose)
Authentication & Security: Passport.js, bcrypt, JWT, input sanitisation, rate limiting
DevOps & Tools: Git, GitHub, CI/CD, Docker, Postman

Agile Development | API implementation | Test Driven Development | Object Oriented Programming

PROFESSIONAL EXPERIENCE

Makers   London, UK
Junior Software Developer   *Jan 2024 to May 2024*

Summary:
• Completed an intensive full-stack development bootcamp focused on best industry practices.
• Learned **Python, JavaScrip**t & **Swift** from scratch.
• Built multiple full-stack applications using **TypeScript, JavaScript, Python, and React**.
• Applied Object-Oriented Programming (OOP) and Test-Driven Development (TDD) in projects.
• Worked in **Agile Scrum teams**, implementing **CI/CD pipelines** and GitHub collaboration.
• Explored web security, networking, and cloud technologies for scalable, maintainable code.

OnSolve   London, UK
Technical Support Manager   *Jun 2017 to Nov 2023*

Summary:
• Led **new client onboarding**, managing **data setup, system configuration, and testing**.
• Diagnosed **software and network-related issues**, ensuring timely resolution.
• Managed a **team of 2 technical support specialists**, prioritising inquiries efficiently.
• Developed **Tier 2 expertise**, resolving complex customer and system issues.

Apple Ltd   London, UK
Technical Manager/Specialist   *Mar 2014 to Jun 2017*

Summary:
• Managed a **team of 8 specialists**, handling **software and hardware troubleshooting**.
• Diagnosed technical issues, using structured **problem-solving methodologies**.
• Led projects and delegated tasks to **meet deadlines and ensure efficiency**.
• **Trained team members** on new processes to reduce systematic errors.

PROJECTS

Train Booking API - [GitHub link](#)
Tech Stack - TypeScript, Express.js, Node.js, MongoDB (Mongoose)

- Developed a comprehensive **backend API** for a train booking system with **user authentication, train search, and seat reservations**.
- Implemented **secure authentication** using Passport.js and bcrypt for password hashing.
- Achieved above **80% test coverage** with **Jest and Supertest**, ensuring API reliability.
- Applied **security best practices**, including **input sanitisation and rate limiting**.

Task Manager - [GitHub link](#)
Tech Stack - TypeScript, MySQL with TypeORM, Express.js, React.js, Node.js

- Developed a **task management web app** using **TypeScript, Node.js, Express.js, and React**.
- Designed a **MySQL database** using **TypeORM** for efficient queries.
- Implemented task features: **title, description, due date, priority levels, and completion status**.
- Used **Material-UI** for clean and responsive styling.

Kwizical - [GitHub link](#)
Tech Stack - MongoDB with Mongoose, Express.js, React.js, Node.js

- Built an **interactive music quiz app** with **genre and difficulty selection**.
- Integrated an **external API** to fetch **randomized song snippets**.
- Ensured **70% test coverage** using **Vitest**.
- Deployed using **CI/CD pipelines** with **Render** (https://kwizical-game.onrender.com/)
- Utilised **Tailwind CSS** for all styling and animations.

Acebook - [GitHub link](#)
Tech Stack - MongoDB with Mongoose, Express.js, React.js, Node.js

- Developed a **Facebook-inspired social media platform** with **user authentication, posts, comments, and likes**.
- Implemented **React state management** and **image upload features**.
- Optimised database queries to ensure **efficient user interactions**.
- Collaborated in an **Agile Scrum team**, achieving MVP and additional features.

EDUCATION & OTHER

University of Hertfordshire
BSc (Hons) Combined Programmes Electronic Music & Multimedia Communications

Certifications: Apple Authorised Hardware and Software Service Technician (ACMT), Codecademy Learn Typescript, Udemy TypeScript Complete Course, Udemy Test Driven Development with TypeScript and Vitest