Sanjula Pilapitiya
Sheffield
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Results-driven Software Engineer with 4+ years of experience in PHP, Symfony, Vue.js (2/3), JavaScript, and SQL. Strong background in API development, security, and system optimization. Passionate about web development, clean architecture, and modern best practices like TDD and component-based front-end design. Proven ability to improve code quality, optimize system performance, and enhance security in dynamic, agile environments.

IT and Additional Skills
Languages: PHP, JavaScript, TypeScript, CSS, HTML, SQL (MySQL, PostgreSQL), Java
Frameworks: Symfony, Vue 2/3, Nuxt, API Platform
Tools & DevOps: Docker, Git, API Platform, Postman, MySQL Workbench, VS Code, PHPStorm, Virtual Machines (Ubuntu, Linux environments)
Testing: TDD, Unit Testing, Behat
Other: Agile/Scrum, API Security, Documentation Writing

Relevant Work History
Software Engineer – Evident, Sheffield   **May 2023 – Present**

- Vue 2 → Vue 3 Migration: Led the front-end upgrade to Vue 3, reducing security vulnerabilities and enhancing code maintainability.
- API Security Enhancements: Implemented group generators to improve API validation and reduce false 500 errors.
- Package Upgrades: Refactored and upgraded third-party packages (e.g., Google Maps), improving performance & security.
- Technical Documentation: Created API documentation for external partners, improving onboarding and reducing support queries.
- TDD Implementation: Advocated for unit testing adoption, transitioning from BDD to TDD for better code reliability.
- Research & Discovery: Led R&D tasks, testing NPM packages and evaluating best practices for new business requirements.

Software Engineer – Currys, London   **Sept 2020 – April 2023**

- Enhanced Customer Experience: Improved Curry's online services by developing new web forms, reducing phone contacts.
- Automation & Cost Savings: Built automated tools for price matching & voucher redemptions, saving the company operational costs.
- Tech Insurance Platform: Developed an insurance bundling system for tablets, gaining experience with payment APIs & DB queries.
- Testing & QA: Performed unit & Behat testing, ensuring robust application performance and minimizing bugs.
- Agile Development: Worked in scrum teams, collaborating with stakeholders to align tech solutions with business needs.

Education
De Montfort University, Leicester (2017 – 2020)

BSc (Hons) Computer Science – 1st Class

Key Modules: Web Application Development, System Building, Database Management, Software Security, AI & Machine Learning

St. Paul's Catholic Comprehensive School, Leicester (2010 – 2017)

A-Levels: Computer Science (C), Geography (D), Biology (D)
GCSEs: 9 grades A-C including Math (B), Computer Science (C), English (C)

Interests

I have a very keen interest in everything tech from computers to EVs and recently AI. I am amazed by how technology keeps developing and evolving in unique ways to make it both more accessible to more people and being innovative. In my spare time I enjoy going to the gym and have challenged myself with a 10km winter wolf run. I am also part of a tennis club and it's my favorite pass time.

References

References are available upon request