

YUFEI SUN

Full-stack Developer

📍 Dublin, Ireland

🌐 Portfolio

🐙 Github

🌐 LinkedIn

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SUMMARY

Motivated Full Stack Developer possessing stamp 1G eligibility, available for an immediate start. Skilled in building and maintaining user-centric web applications using JavaScript, React.js and PHP, with expertise in transforming requirements into dynamic and responsive interfaces.

EXPERIENCE

- 7/2024 – present **Junior Full-stack Developer** **Field Management Ireland Ltd. (Dublin, IE)**
- Implemented and maintained internal systems and web applications utilising PHP for back-end functionality and SQL for database management.
 - Managed and administered the domain controller, ensuring seamless network functionality and secure integration of devices and over 200 user accounts.
 - Enhanced web application security through advanced password encryption, SQL injection prevention techniques, and HTTPS implementation, safeguarding sensitive data.
 - Proactively reviewed system logs and identified potential threats, providing timely and actionable recommendations to strengthen system security by 40%.
- 10/2023 – 5/2024 **Website Developer** **Hillview Resource Centre (Dublin, IE)**
- Actively maintained and improved WordPress plugins, troubleshooting issues and implementing enhancements for a smooth user experience.
 - Conduct cross-browser and device testing to ensure compatibility, increased web performance by 20%.
 - Leveraged SEO tools such as Google Lighthouse, Semrush, and Google Analytics to optimise website performance, driving enhanced visibility and engagement. Improved Google Lighthouse performance from 82% to 94%.

PROJECTS

- 6/2024 **E-commerce Website**
- Developed a modern and fully responsive E-commerce platform that allows users to browse a dynamic product catalog with search, filtering, and product customization options.
 - Implemented performance optimizations including lazy loading, code splitting, and image optimization, achieving a 40% improvement in load time.
 - Built reusable UI components library using TypeScript and TailwindCSS, accelerating development workflow and ensuring consistent design.
- Utilised:** React, TypeScript, Redux for state management, React Router for navigation, Jest for unit testing, TailwindCSS, ESLint/Prettier for code quality, Webpack for bundling and code splitting.
- 3/2024 **AWS Workshop: RDS & MySQL**
- Participated in a hands-on AWS workshop, developed practical expertise in provisioning, managing, and decommissioning MySQL database instances on Amazon RDS.
 - Engaged in practical exercises to understand and resolve common MySQL connectivity and authentication issues, enhancing skills in configuring database accessibility and security within AWS.
 - Submitted comprehensive lab reports in Mandarin, showcasing my ability to document technical processes and outcomes in a multilingual environment.
- Utilised:** AWS (RDS, CloudWatch, IAM, VPC), MySQL, SSH for secure connections, EC2 for database access testing, AWS Systems Manager for parameter management.
- 1/2024 **Country Information Application**
- Developed a dynamic web application that empowers users to explore detailed information about countries, including their names, capitals, regions, and languages.
 - Seamlessly integrated REST API endpoints into the application's architecture, leveraging React Hooks to efficiently fetch and display country-specific data.
 - Implemented client-side caching and error handling strategies, reducing API calls by 60% and improving application reliability.
- Utilised:** React, REST API, Axios for API calls, Context API for state management, CSS Grid/Flexbox for layouts, Vercel and Render for deployment, localStorage for client-side caching.

EDUCATION

- 9/2022 - 9/2023 **Msc in Human Computer Interaction** **University College Dublin**
- Participated in a collegiate Hackathon to design and develop an International Student Forum, working collaboratively in a team environment. Project ranked among top 20%.
 - Conducted comprehensive social media analysis for final project, leveraging R programming to collect and analyze Twitter data, demonstrating strong data manipulation and analytical skills.