Shina Qin

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Summary

Master's in IT graduate with strong software development skills in Java, Python, and C#. Experienced in building high-performance, scalable systems using AWS, React, and Next.js, with a passion for programming and software innovation. A proven problem-solver and collaborative team player, driven to create impactful solutions.

Achievements

3rd Winner - SWITCH x CSIT Hackathon -- [GitHub Link](#) ｜ [YouTube Demo](#)   **Sep 2024**

- **Led** the development of StudyRacer, a web app built with Next.js and TypeScript, motivating students by tracking progress on a leaderboard. **Delivered** a functional solution within **30 hours**, enhancing student productivity.

Professional Experience

[RetroAI++](#) - Project Management Application   **Mar 2024 - Jun 2024**

Shine Solution Group

- **Developed** a project management application based on Scrum methodology, applying **Agile principles** throughout the development process within a team of 5.
- **Leveraged** AWS Lambda in Java to create a scalable and serverless back-end infrastructure, **reducing costs** and **enhancing reliability**.
- **Created** CI/CD pipelines for hosting the app on AWS, **ensuring** seamless deployment and scaling.
- **Revamped** the front-end UI/UX to improve user experience, **enhancing** navigation and visual appeal for the application.
- **Performed** end-to-end and unit testing, **resulting** in a stable, bug-free product.
- **Delivered** a final solution that exceeded client expectations, **earning** high praise for the overall improvements in functionality and usability.

Full Stack Developer -- [Customer Management System Dashboard](#)   **Aug 2023 – Sep 2024**
Monash Auto Body, Clayton

- **Developed** an online form with e-signature functionality using React with TypeScript and Node.js, and added **editable** features for each record, significantly **enhancing** user satisfaction.
- **Collaborated** closely with the manager to gather requirements and conduct usability testing, **ensuring** the project was aligned with client needs and improving overall efficiency.
- **Implemented** a secure, role-based access control system, improving **data security** by assigning customized access levels.
- Optimized **PDF generation** from client data, carefully maintaining the **original layout** to streamline communication between the manager and the car insurance company.

Coding Tutor   **Sep 2021 – July 2022**
UELITE Education, Melbourne

- **Provided** personalized coding instruction to university students, **improving** their skills in C# and JavaScript, and boosting academic performance.
- **Guided** students through projects, **strengthening** their problem-solving and critical-thinking abilities

Technical Skills

- Programming Languages: swift, Java, Node JS, python, C#, C/C++
- Web development: .NET (C#), HTML, CSS, JavaScript/TypeScript, React JS, Next JS, Vue, Bootstrap, ASP.Net, REST API, GraphQL
- Database Manage: SQL, MongoDB, MySQL, SQLite

- Design: Adobe Suite, Sketch / Figma
- Version Control: Git, GitHub
- Software Engineering Methodology: Scrum/Agile
- Software Testing: Unit testing (JUnit, xUnit)
- Cloud Computing: Azure, AWS

Soft Skills

- Strong communication and collaboration, especially in team environments
- Leadership and teamplayer
- Adaptable and quick learner, eager to engage with cutting-edge technologies

Certificates

Microsoft Certified: Azure Fundamentals   **Issued Mar 2023**
Credential ID I648-8440
Relevant to cloud-based operations and infrastructure management.

Microsoft Certified: Security, Compliance, and Identity Fundamentals   **Issued Nov 2023**
Credential ID 3AB7678955276097
Supporting secure and compliant cloud operations.

Education

Master of Information Technology – *RMIT University, Melbourne*   **2022 – July 2024**

- **GPA: 3.7/4.0**

Master of Design – *Monash University, Melbourne*   **2018 – 2020**

Bachelor of Electrical Information Science and Technology – *Harbin Normal University*   **2013 – 2017**