

Shina Qin

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Summary

I'm a curious and adaptable software engineer with experience in full-stack development, cloud tools, and UI/UX. I've worked on real-world projects using React, TypeScript, Node.js, and AWS, and I enjoy solving problems, improving designs, and working closely with teams to build things that actually help users.

Professional Experience

Software Engineer Intern

Jan 2025 - Apr 2025

PTC - Onshape

- **Worked** on bringing **new features** of Render Studio into **production**, contributing to design improvements in a user-facing rendering tool using **TypeScript**.
- Regularly **synced** with my team lead to break down tasks, pick up new tools, and stay aligned with project goals.
- **Fixed** a high volume of bugs in a short time, often going beyond what was initially expected.
- **Spotted potential issues** in the existing codebase and came up with practical, creative fixes before they became real problems.

[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.
- **Redesigned and implemented** front-end UI/UX, **significantly improving** user experience for project managers and designers.
- **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.
- **Delivered** a polished product that exceeded client expectations, **demonstrating** flexibility and high attention to detail.

Full Stack Developer -- [Customer Management System Dashboard](#)

Aug 2023 – Sep 2024

Monash Auto Body, Clayton

- **Developed** an online form with e-signature functionality with React (TypeScript) and Node.js, and added **editable** features for each record, significantly **enhancing** user satisfaction.
- **Enhanced** data security with role-based access, **meeting** high user satisfaction standards in a client-centric design workflow
- Worked closely with **non-technical stakeholders** to align development with user needs.
- Optimized **PDF generation** from client data, carefully maintaining the **original layout** to streamline communication between the manager and the car insurance company.

Achievements

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

Sep 2024

- **Built** a student productivity app with Next.js and TypeScript within 30 hours, **showcasing** adaptability and rapid development skills under tight deadlines.

Technical Skills

- Programming Languages: Java, Node JS, python, C#, swift, 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

July 2022 – July 2024

- GPA: 3.7/4.0

Master of Design – Monash University, Melbourne

Feb 2018 – Dec 2020

Bachelor of Electrical Information Science and Technology – Harbin Normal University

2013 – 2017