

WORK EXPERIENCE

Personal Goal Pursuit

Learning Mandarin Chinese

Nov 2023 - Dec 2024

- Spent a year living and traveling in China, achieving conversational fluency in Mandarin through self study methods and daily interactions with locals

Blackbook.ai

Software Engineer

Jan 2022 - Sep 2023

- Engineered a custom data seeding module for in-memory EF Migrations, reducing migration times from over 30 minutes to under 3 minutes, significantly enhancing developer productivity
- Developed an automated tool to convert CSV data into migration scripts, streamlining a previously manual upload process and cutting execution time from 40 minutes to approximately 5 minutes
- Revitalized a non-functional legacy system data retrieval process by implementing an optimized SQL script, enabling complete data updates within a 5-minute window, down from exceeding the cron job interval
- Contributed to full stack development using Vue.js and .NET Core, actively participating in Agile processes, code reviews, and maintaining high test coverage

Smarte

Junior Software Engineer, Support Technician and QA Tester

Apr 2020 – Jul 2021

- Implemented new features for an IoT sports lighting solution using Python, gaining experience in IoT infrastructure
- Full stack (Vue.js, Node) development of in-house applications
- Provided Level 2/3 technical support for in-house developed software, troubleshooting complex issues and ensuring high system reliability
- Managed IT infrastructure, including network configuration and email administration, building expertise in system inter-connectivity and security
- Conducted QA testing, developing a keen eye for identifying and resolving potential system failures and performance bottlenecks

Oracle Cerner

Technical Solution Analyst

Mar. 2018 – Jun. 2019

- Delivered ongoing operational support for critical Pharmacy and Surgery solutions, ensuring continuous availability and optimal performance
- Resolved complex Level 2 Technical Support issues, minimizing system downtime and enhancing user experience

Senior Associate Consultant

Apr. 2016 – Mar. 2018

- Collaborated with multidisciplinary teams to integrate Blood Bank and Pathology solutions with existing healthcare IT infrastructure
- Provided strategic recommendations to stakeholders, bridging the gap between clinical needs and technical capabilities

EDUCATION

University Of Queensland

Master's of Information Technology

Jan. 2020 - Dec. 2021

University Of Sydney

Bachelor of Liberal Arts and Science (Neuroscience)

Jan. 2012 - Dec. 2015

SKILLS

- Typescript, C# .NET, Node, Vue.js, React
- Database Migrations, SQL
- Linux, Nix, Cloud Computing (Azure, AWS and GCP), Docker, Kubernetes
- Mandarin (conversational)