

# Dean Overton

Full-Stack Software Engineer

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## PROFESSIONAL EXPERIENCE

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**Full-Stack Software Engineer**

March 2025 – Present

**Binarytech.io**

- **Overhauled** the team's full-stack development lifecycle. Redesigned CI/CD and DevOps pipelines, leveraging Docker, Terraform and GitHub Actions resulting in 5x cycle time
- **Migrated** webapp to Vite and Yarn Berry (45x build time improvement).
- **Reduced** onboarding time for new developers from several days to less than a couple of hours with the use of Docker and shell script, greatly boosting team efficiency.
- **Decreased** lead time from weeks to days with automated testing, automated cloud preview environments and quicker code/feature review practices.
- **Increased** customer satisfaction with in-app RAG model chatbot to answer product-related queries **instantly** over waiting for hours.

**Technologies:** ReactJS, C#, .NET API, Docker, MSSQL, Terraform, AWS, Vector DB

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## EDUCATION

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**Bachelor of Computer Science (UOW)**

2023 - 2025 June

- **Awards:** 2nd Place - Best Project Prize (Final year capstone project)
- **Major/Extensive Coursework:** Modern AI, AI Foundations, Big Data Mining Implementations, Big Data Management.
- **WAM:** 84
- Landed part-time work at Binarytech before completion in June

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## PROJECTS

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**TripTiler.com**

2026 Jan - Present

Primarily to learn the interworks of 2 primary languages and frameworks. Designed and developed architecture with clean UI/UX for an app to create, book and share travel itineraries.

- **Key Architecture:** containerized API on cloud run for easy deployment, Firebase authentication, database and storage
- **Technologies:** Go, Dart, Gin, Flutter, GCP, Android

**ShareMyDoodle.com**

May 2025 - Present

Developed a collaborative social media platform where users can create, share, and interact with drawings.

- **Key Architecture:** containerized API on Render (AWS abstraction), S3 hosted frontend, database and authentication via Supabase
- **Technologies:** React, Postgres, NestJS, AWS, Render, Supabase

**Digiwize.solutions**

June 2024 - June 2025

Led and managed my capstone team to develop a code and productivity analytics platform.

- **Challenges/Learnings:** Initiated CI/CD pipeline allowing team to focus on core product, led development with authentication of Github app via JWT and resourcefully assigned tasks for dev
- **Result:** 96% final mark and 2nd place - Best Project Prize
- **Technologies:** React, Postgres, NestJS, AWS, Github Actions