Daniel McCarragher

Greater Seattle Area | +1 (253) 359-4027 | djmccarragher@gmail.com
dannycodes.dev | github.com/dannymccarragher | linkedin.com/in/daniel-mccarragher

PROFESSIONAL SUMMARY

Software Developer with professional experience building AI-driven platforms, automating enterprise workflows, and deploying production-ready systems. Skilled in full-stack development using JavaScript, Node.js, REST APIs, Azure, and CI/CD. Strong understanding of the Software Development Life Cycle and Agile methodology. Seeking a full-time internship to apply technical skills and deliver scalable solutions. Currently pursuing a B.A.S. in Software Development.

WORK EXPERIENCE

Software Engineer Intern, Nummo (Website) *JUN 2025 – SEP 2025*

Nummo is an AI-powered financial modeling platform that automates spreadsheet workflows for investment banking and private equity professionals

- Designed and built the application's primary data ingestion pipeline, successfully parsing 150+ page SEC 10-K and 10-Q filings into structured financial data with 95%+ accuracy using the OpenAI API
- Participated in 60+ agile standups across a 4 month development cycle, presenting technical progress and blockers to a 10-member cross-functional team with direct engagement from executive leadership
- Migrated critical backend services from Python (FastAPI) to Node.js/TypeScript, implementing Electron's IPC with comprehensive middleware, maintaining 100% uptime and 0 failed requests throughout the 4-week migration process

RESEARCH

Salamander Tracker, In collaboration with The Ohio State University *APR 2025 – JUN 2025*

- Engineered an end-to-end video processing system with Next.js, React, Express, Java, and JavaCV deployed via Docker to automate behavioral research, tracking salamander movement across 50+ video samples and generating frame-by-frame centroid data for statistical analysis
- Reduced manual tracking effort by 90%, enabling researchers to analyze 10+ experiments in the time previously required for a single video
- Containerized a multi-service architecture with Docker and deployed to production using Maven, enabling non-technical researchers to process videos and analyze salamander movement patterns in seconds instead of hours, supporting 25+ experiments per day without manual tracking

EDUCATION

B.A.S Software Development, Green River College *Expected Graduation, JUN 2026*

- Dean's List: 4x Honoree (Fall 2023, Winter 2024, Fall 2024, Winter 2025)

Relevant Coursework: Data Structures and Algorithms, Database Fundamentals, Full Stack Web Development, Python for Data, Systems Programming, Cloud Application Deployment, Software Development Capstone

SKILLS

Languages: Java, JavaScript, Python, SQL, TypeScript
Technologies: Express, Docker, Node.js, Git, GitHub, Github Actions, HTML/CSS, JUnit, REST API, React, MariaDB, MySQL, SQLite, PostgreSQL, Electron
Cloud: Azure App Services, Azure VM (Linux), Azure MySQL Flexible Server
Soft Skills: Analytical Thinking, Adaptability, Collaboration, Technical Communication

TECHNICAL PROJECTS

Forq | *React Native, TypeScript, Expo, Node.js, Express, Drizzle, MySQL, Azure App Service* **(GitHub)**

- Built a cross-platform mobile app (iOS/Android) that tracks 3 core macronutrients in real-time against personalized goals, using AzureMySQL Flexible Server to store user meal logs and retrieve up to 180+ days of history in under 1 second
- Integrated barcode scanning connected to a 500,000+ item food database via RESTful API, cutting meal logging time from ≈1 minute to under 10 seconds and displaying detailed nutritional breakdowns including protein, carbs, fats, fiber, and 15+ other key nutrients
- Implemented CI/CD pipelines with automated testing, deploying backend services to Azure App Service, enabling fully tested changes to go live in 1 minute, ensuring reliable production hosting

ACTIVITIES AND LEADERSHIP

Software Development Tutor, Green River College *SEP 2025 - Present*

- Provide 1-on-1 tutoring in Software Development to 10+ students twice weekly, covering 5+ programming languages, frameworks, and data structures, helping students improve assignment scores by an average of 20%

Club Member, BoardMasters *SEP 2024 - Present*

- Work with peers to solve weekly LeetCode problems focused on data structures and algorithms