

Aidan M. DeVaney

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CORE COMPETENCIES

- Agile Project Management
- MongoDB | AWS | PostgreSQL
- Next.js | React | Express.js
- Effective technical communication across varying expertise levels
- Ruby | Ruby on Rails
- Python | Pandas | BeautifulSoup
- Conversational Spanish

WORK EXPERIENCE

- Chevron-Sponsored Research Project Management Associate, Chevron** (Jan 2025 - Present)
- Leading a **cross-functional team of 11** in developing a distributed geospatial web scraping tool during an 8-week development cycle.
 - Facilitated communication between my engineering team and Chevron stakeholders to align technical and business requirements across departments.
- Software Education Lead, CodeLab, Davis, CA** (May 2024 - Present)
- Created a comprehensive education platform for a cohort of **100+ developers**, designers, and project managers **teaching full-stack development** of mobile and web applications.
 - **25+ modules** include Dart, Flutter, TypeScript, APIs, React, CSS, Next.js, AI/ML, Git Workflows.
- Solutions and Financial Analysis Assistant, UC Davis Supply Chain Management, Davis, CA** (Sept 2023 - Present)
- Developing a **data control app managing integration pipelines** into Oracle and Concur using **Next.js, GraphQL, and PostgreSQL** in conjunction with the UC Davis AdminIT team.
 - Engineered and implemented an automated internal tool utilizing the **Pandas and Tkinter** Python libraries, **reducing task turnaround time by 85%**.
 - Managing financial data analytics for **25 departments** with over **\$1.1 million in reconciliation** efforts while providing outreach to internal and external stakeholders to resolve discrepancies.
- Project Management Intern, Brand Networks** (Oct 2024 - Dec 2024)
- Managed an **Agile team of 10** leveraging **Next.js, PostgreSQL, Redis, and Docker** to overhaul a digital advertisement optimization tool during an 8-week development sprint.
 - Developed **Dockerized CI/CD pipelines** for **AWS ECS**, streamlining automated deployments.

PROJECTS

- Distributed Geospatial Data Scraper** - Distributed market research web app developed for Chevron Renewable Energy.
Utilized: Next.js, Docker, RabbitMQ, Kubernetes, FastAPI, Pandas, TanStack UI, Tailwind CSS
- Fathership.dev** - Web app using a fine-tuned GPT API to provide a space to talk to a father figure anytime, anywhere.
Utilized: Ruby on Rails, Ruby, Tailwind CSS, PostgreSQL, AWS RDS & EC2, Heroku, OpenAI API
- UCD Payment Processing** - Internal financial data control web app being developed with UC Davis Admin IT.
Utilized: Next.js, Docker, GraphQL, PostgreSQL, React, Node.js, TanStack UI, Tailwind CSS
- Aggie Dining** - Mobile app providing easy allergen and nutrition information on UC Davis dining hall menus.
Utilized: React Native, Express.js, Typescript, Tailwind CSS, BeautifulSoup, MongoDB

EDUCATION

- University of California, Davis** - Bachelor of Science, Computer Science (Expected Jun 2026)
- UC Davis Graduate School of Management** - Minor, Technology Management (Expected Jun 2026)
- Relevant Coursework:** Technology Management; Software Development & Object-Oriented Programming; Data Structures, Algorithms, & Programming; Algorithm Design & Analysis; Managing & Using Information Technology; Probability & Statistical Modeling for Computer Science; Programming Languages

CERTIFICATIONS

- Certified Associate in Project Management (CAPM)**, Project Management Institute (PMI) (Sept 2023)
- Certified ScrumMaster (CSM)**, Scrum Alliance (Sept 2023)
- Security+**, CompTIA (Aug 2024)
- California Seal of Biliteracy, Spanish** (Jun 2022)