

AMY MUMMERT

Junior Software Engineer

Longview, WA | 360-984-0544 | armummert4@gmail.com | www.amymummert.com | linkedin.com/in/armummert

A junior software engineer specializing in full-stack development, applying skills in React, Next.js, Node.js, Typescript, Javascript, PostgreSQL, FastAPI, and Python to build scalable, user-focused applications. Implements Domain-Driven Design (DDD), the Repository Pattern, and Test-Driven Development (TDD) to create decoupled, maintainable, and testable, high-quality codebases. A former Deputy Sheriff and Life Saving Award recipient with a proven track record of high-stakes problem solving and emotional intelligence. Committed to delivering robust software solutions that balance technical excellence with business goals.

TECHNICAL PROJECTS

Arcane Archive | Full-Stack Developer | www.amymummert.com

- Developed a mobile application for Magic: The Gathering players
- Built with FastAPI, React, Typescript, and Expo
- Implements Domain Driven Design and a layered architecture to separate business logic from technical infrastructure, ensuring the game logic is separate, testable, and independent of the database.
- Utilizes a repository pattern and Unit of Work to manage database transactions, ensuring atomicity to prevent partial database updates.
- Engineered with Scryfall API integration with local caching, ETL pipeline, and a 100ms rate limit to ensure API compliance.

PROFESSIONAL EXPERIENCE

Mentorship with Senior Software Engineer

2024-Present

Mentee

- Collaborating with a senior software engineer, gaining hands-on experience in FastAPI, Python, React, TypeScript, PostgreSQL, and Docker.
- Applying TDD principles, debugging complex issues to refining code structure and implement industry best practices.
- Preparing for technical interviews and gaining insights into scalable application architecture.

Planned Career Break, Longview, WA

2016-2024

Full-time Caregiver | Small Business Owner

An intentional pause to focus on full-time caregiving, household management, and continuing education.

- Started a freelance photography business, Pebble Bridge Photo & Design.
- Performed tasks for Amazon Mechanical Turk and Upwork capturing images for human intelligence recognition.
- Returned to higher education to obtain my bachelors degree in computer science.

Washington County Sheriff's Office, Hillsboro, OR

2009-2016

Deputy Sheriff

- Served as a first responder, managing high-pressure emergency situations and investigations with critical thinking and adaptability.
- Enforced traffic and criminal law and responded to calls involving crime and civil needs.
- Performed investigations and rendered aid to citizens, building strong verbal and written communication skills.
- Received a Life Saving award for crisis intervention as part of the Mental Health Response team, saving the life of a citizen in a mental health crisis showing emotional intelligence and decisive action.

EDUCATION

Oregon State University, Corvallis, OR

2024

Bachelor of Science in Computer Science

Oregon State University, Corvallis, OR

2007

Bachelor of Science in Exercise & Sports Science

TECHNICAL SKILLS

Languages: Python, Javascript, Typescript, CSS/HTML

Frameworks and Libraries: FastAPI, React, [Next.js](https://nextjs.org), [Node.js](https://nodejs.org), Django, TailwindCSS

Databases: MySQL, Relational Databases, PostgreSQL

Architecture & Patterns: Domain Driven Design (DDD), Repository Pattern, Layered architecture, Unit of Work, System Design

DevOps & Tools: Docker, Git/GitHub, Alembic, Linux, RabbitMQ, SQLAlchemy (ORM)

Security & Testing: OAuth2/JWT, Test Driven Development, Debugging