

Aim Diab

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Senior Software Engineer

Experienced computer science professional with 7+ years of expertise and proven success in software. Trained AI models to accelerate workflows which improved efficiency and throughput, led development of a feature resulting in a \$750,000+ revenue increase year over year, and planned and executed a successful production MySQL version 5 to 8 upgrade.

WORK EXPERIENCE

ServiceCore • Denver, CO

10/2024 – Present

Senior Software Engineer

- Trained an AI-based assistant to take Acceptance Criteria and Reproduction steps from JIRA/Scrum tickets and convert them into manual regression test cases for peer-to-peer developer acceptance testing which translated a 1-2 hour process into a 10-15 minute process and sped up the manual process by 4-12 times.
- Created an AI-based assistant to help engineers present stand-up notes from plain text/stream of consciousness into readable formatted notes which saved an average of 5min/day or 1.6 hours/month of development hours.
- Integrated Google Timezones API to allow on the fly calculation of timezones based on customer addresses and latitude/longitude coordinates to ensure messaging such as text or email was delivered at user friendly times.
- Led the seamless upgrade of a Google Maps JavaScript Loader and Maps API version in a mobile app used by thousands of drivers with 0 go-live issues and reduced the errors and warnings reported in DataDawg and slack error monitoring channels related to retired versions and deprecations.
- Developed an AWS Cloud driven feature allowing the refreshing of cached data in a DynamoDB instance when a SQS message is sent and digested by an asynchronous worker container running in ECS which increased API read performance by 450% on average.

Informulate

07/2024 – 01/2025

Senior Software Engineer • Contractor

- Supported the re-branding and bug-fixing of an enterprise CMS application built in Laravel and used by thousands of banks and credit unions around the United States on a daily basis to manage Vendor contracts, due diligence and compliance through refactoring legacy PHP code to align with modern software development best practices.
- Navigated complex business rules tied closely to finance and contract law while solving bugs and improving the codebase iteratively to align with fast growth goals and future scalability demands.

Camp Bow Wow

01/2020 - 10/2024

Senior Software Developer

- Helped plan and execute a project to create a cloud-to-cloud secure vpn to routinely clone databases from AWS to GCP for reporting and data aggregation.
- Spearheaded the introduction of a Tech Lead program to allow individual developers to take on technical leadership responsibilities and gain valuable experience, which increased concurrent projects delivered in 2023.
- As Tech Lead: Designed and planned a new feature to automate pricing surcharges for holidays in the point-of-sale system which directly translated into an increase of \$750,000 revenue year over year.
- Mentored a Junior Developer 1-on-1 on a weekly basis in order to fast track him for success and tackle advanced concepts through hands-on pair-programming and weekly check-ins.
- As Tech Lead: Planned and executed a MySQL 5.7 to 8.3 major version upgrade in AWS RDS with no downtime beyond the regularly scheduled bi-weekly 2-hour maintenance and 0 post-upgrade issues.
- Guide the development team towards better maintainability through infrastructure as code and test-driven development with complete code coverage and fault tolerance.

PHP Developer

- Provided expertise in executing a project involving application refactoring and migration of 20 database tables to optimized data structures, enhancing system performance and overall reliability.
- Significantly improved alignment of SQL-based financial reports with stakeholder-defined objectives by leveraging subject matter expertise and findings from stakeholder feedback to revamp the reports to new database schema.

Huron Healthcare Software Group

02/2019 - 01/2020

Full Stack PHP Developer

- Implemented codebase modernization by moving application from single instance legacy monolithic application to Docker containerized scalable infrastructure with Jenkins and CI/CD deployments to bolster the SaaS model supporting 10,000+ daily users and anticipated future growth.
- Enhanced database data structures within the codebase leading to improved data access times and performance.
- Overachieved performance targets and sprint velocity by delivering 50-60% more story points per sprint.

EDUCATION

Bachelor Of Arts in Game Art & Animation

University Of Advancing Technology • Tempe, AZ, USA • GPA: 3.59

09/2010 - 05/2013

CERTIFICATIONS

Scrum Master Certified

Scrum Alliance

05/2022 - 05/2026

SKILLS

- Agile
- Automation
- AWS
- Backend Web Development
- CI/CD
- Cloud API Integrations
- Cloud-based Microservices
- Code Review
- Database Schema Optimization
- Front End Web Development
- Full Stack Development
- Infrastructure as Code
- Linux
- Mentoring
- Migrating to Cloud
- Modernizing Applications
- Object Oriented Programming
- Relational Databases
- RESTful APIs
- SaaS
- Scalability
- SCRUM
- Software Maintenance
- Software Testing
- Teamwork
- Technical Leadership
- Test Automation
- Test Driven Development
- Unit Testing
- Written & Verbal Communication

Programming Languages

- C#
- C++
- CSS
- HTML
- Java
- JavaScript
- LESS/SASS/SCSS
- PHP
- Python
- SQL
- TypeScript

Frameworks

- Angular
- AWS
- Docker
- GCP
- Git
- JIRA
- Laravel
- MySQL
- NextJS
- NgRx
- Node
- React
- React Native
- Redux
- Symfony
- Vue

AI and LLMS

- Agentic AI for Coding
- Claude
- Claude Code
- Gemini
- GPT 5
- Junie
- Training Proprietary AI