

Faizan Zafar

Information System Analyst II (Application Developer)

 (310) 310-4244 |  zafarfaizan97@gmail.com

Summary

Software Engineer with experience across the full SDLC, combining systems analysis with hands-on development of enterprise applications. Skilled in modern frameworks (Blazor, React, Flask) and legacy systems (WebForms, ColdFusion). Strong background in requirements gathering, process improvement, and IT support within government and enterprise environments.

Experience

Los Angeles County Public Works 2025-02 - Present

Information System Analyst II (Application Developer)

- Develop and maintain Blazor applications, including an Azure OpenAI chatbot with PostgreSQL backend, supporting departmental operations.
- Design and implement forms management systems to streamline submissions, permissions, and workflows.
- Enhanced existing enterprise applications by adding search functionality to a legacy .NET system and building new features for a ColdFusion application.
- Write and optimize SQL queries, stored procedures, and database schemas to improve performance and maintainability.
- Collaborate with stakeholders to gather requirements, prepare functional/technical specifications, and ensure alignment throughout the SDLC.

Service Tickets and Requests (STAR) Application 2024-06 - 2024-11

Lead Developer

- Led development of the STAR application, implementing real-time data synchronization using Vue.js, Electron, and SQL.
- Elicited and documented user requirements for new system features and enhancements; documented functional and technical requirements.
- Collaborated with IT staff throughout the systems development life cycle to ensure requirements were met.
- Prepared detailed specifications addressing system scope, data requirements, user functions, and security measures.

Los Angeles County Public Works 2023-02 - 2024-12

Professional Worker IT

- Collaborated with IT staff to ensure user requirements were met throughout the systems development life cycle.
- Researched commercial software to identify products that met departmental requirements; analyzed and documented their ability to meet user, functional, and technical needs.
- Performed analysis to help resolve application problems and collaborated with other technical staff to conduct unit testing and integration testing.
- Installed software in support of business applications as needed.

CSULB Phishing Awareness and Prevention 2023-08 - 2023-12

Lead Software Developer

- Analyzed, designed, developed, tested, and deployed a phishing simulation platform using Flask, PostgreSQL, and Google Cloud.
- Captured requirements from stakeholders and translated them into functional specifications and technical designs for campaign workflows and reporting.
- Developed and supported front-end components, including a replica SSO login interface with HTML/CSS/JavaScript for realistic simulations.
- Built back-end services for authentication, data logging, and reporting dashboards, ensuring security and scalability.
- Programmed automation tools (Python, Selenium) to generate and execute phishing campaigns, capturing real-time user responses.
- Implemented configuration management and source control with Git to streamline release cycles and code reviews.
- Conducted unit, integration, and performance testing to ensure application stability and reliability under concurrent usage.
- Researched and recommended application development tools and best practices to improve reliability, scalability, and maintainability.

Boxed Room LLC 2019-05 - 2022-12

Junior Software Developer

- Analyzed, designed, and developed web-based business applications for client projects using NodeJS, React, and Firebase.
- Collaborated with stakeholders to capture requirements and produced user stories, technical specifications, and release notes.
- Built and enhanced front-end features for user interfaces, improving usability and accessibility across client systems.
- Developed middle-tier services and RESTful APIs to integrate third-party applications and manage business workflows.
- Designed and optimized back-end databases, including data modeling, query optimization, and implementing security best practices.
- Implemented tools for automation, release management, and source control (Git/GitHub), ensuring reliable deployments.
- Conducted unit, integration, and automated system testing to validate application functionality and performance.
- Researched and applied emerging software development tools and frameworks to improve scalability and maintainability of applications.

Education

California State University Long Beach 2019-01 - 2023-12

Computer Science

Bachelor

Los Angeles Harbor College 2018-01 - 2020-12

Mathematics

Associate of Science (AST)

Los Angeles Harbor College 2018-01 - 2020-12

Physics

Associate of Science (AST)

Skills

Software Development

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Python, C++, JavaScript, ReactJS, ColdFusion, ASP.NET, .NET, Blazor

IT Support

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Software troubleshooting, Active Directory, Communication skills, Systems Analysis, Requirements Gathering, IT Policy Compliance, User Acceptance Testing (UAT), Business Process Modeling, Workflow Analysis, Test Plan Development

Certifications

CompTIA A+ 2021-01-01

Google Crash Course on Python 2021-05-01