

Owais Khan

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SKILLS

- **Data Tools:** GitHub, Docker, Azure DevOps, ROS1, Maven.
- **Databases:** MS SQL Server, PostgreSQL, MySQL.
- **Programming Languages:** Python, Java, JavaScript, Swift.
- **Reporting Tools:** Tableau, MicroStrategy.
- **Additional Skills:** Top Desk, System Design, Data Integration, Active Directory, Server Troubleshooting, Docker, Jira.

EDUCATION

California State University, Northridge (In Progress)

B.S. in Computer Science, Cumulative GPA: 3.67/4.0.

Los Angeles, CA, USA

August 2021 - May 2025

PROFESSIONAL EXPERIENCE

CSM IT - California State University Northridge | IT Support Specialist | California, CA, USA

September 2022 – Current

- Diagnosed and resolved server-related technical issues, including Active Directory and operating systems.
- Provided technical assistance to customers through phone, email, chat, and in-person channels, ensuring timely resolutions.
- Collaborated with network and system administrators to address complex server issues, facilitating effective solutions.

AHC Technologies | Jr. Java Developer/ Jr DevOps Developer | New Delhi, DL, India

August 2020 – May 2021

- Provided sign in/signup functionality for users.
- Used JavaScript for client-side validations in JSP and HTML pages. Setting up new development branches, merging branches, facilitating the releases.
- Developed webpages using HTML5, CSS3 and Java Script.
- Involved in DevOps migration/automation processes for build and deploy systems.
- Tested applications on multiple devices to ensure compatibility standards.

Environment: AWS, Azure, Azure Devops, Maven, Git, MS SQL, Java/J2EE Technologies.

PROJECTS

Live Face Detection Web App | JavaScript, face-api.js, HTML5, CSS3 | [Live Link](#) | [GitHub Link](#)

- Created a web application for real-time face detection using the face-api.js library.
- Streamed video from the user's webcam and overlaid a canvas with rectangles to indicate detected faces.
- Leveraged the power of browser-based machine learning for seamless functionality.

High Protein Food Finder | HTML, CSS, JavaScript, GSAP, API Ninjas | [Live Link](#) | [GitHub Link](#)

- Developed a web app to help users discover high-protein recipes using API Ninjas' Recipe API.
- Animated the user interface with GSAP, including a typewriter effect for headers and button animations.
- Implemented dynamic API queries to fetch and display new recipes based on high-protein ingredients.
- Designed a visually engaging gradient background with CSS to enhance user experience.

Research

Intelligent Ground Vehicle (IGV) | System Integration Engineer | [Link](#)

Aug 2024 - Current

- Currently developing software components using ROS1 to control autonomous ground vehicles.
- Collaborating with the Intelligent Ground Vehicle team to implement algorithms for obstacle detection and navigation.
- Contributing to vehicle control systems and manual keyboard-based control for initial testing and debugging.
- Actively participating in software testing to ensure reliability and performance under dynamic conditions.