

Owais Khan

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SKILLS

- **Languages & Databases:** Java, Ruby, Python, Typescript, JavaScript, Swift, Objective-C | MySQL, PostgreSQL.
- **Web Frameworks & Libraries:** JSP (Java Server Pages), Spring Boot, Angular, Rails, HTML, CSS3, Bootstrap.
- **Others:** System Design, Azure, Database Design, Git, AWS, NumPy, Docker, Jira, TensorFlow, ROS.

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 | iOS App Developer | California, CA, USA

September 2022 – Current

- Collaborate with faculty and student teams to design, develop, and deploy iOS applications for educational and research purposes.
- Implement user interface designs using UIKit, Interface Builder, and SwiftUI, ensuring a seamless user experience.
- Provide support and troubleshooting for iOS applications, addressing issues reported by users and ensuring continuous improvement.
- Assist in preparing technical documentation, including user guides and development manuals, to support application deployment and usage.

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

Expense Tracker App | Swift, UIKit, SwiftUI Charts | [GitHub Link](#)

- Built the app using SwiftUI and SwiftUICharts. The app helps users keep track of their expenses and provides a visual representation of their spending habits.
- User Interface: Designed a user-friendly interface to track and manage expenses efficiently.
- Dark Mode: Implemented functionality to support dark mode.

Swift Scribe | Swift, CoreData, SwiftUI | [GitHub Link](#)

- Developed a text editor app using SwiftUI and CoreData.
- Added functionality to easily create new notes with a "plus" button.
- Implemented a scrolling list of notes, sorted by title, for easy access and readability.
- Ensured the app adapts seamlessly to different screen sizes with a dynamic layout.

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.
- Working on integrating Arduino with ROS for real-time communication between hardware and software.
- 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.