

Amaan Asad Khan

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OBJECTIVE

To obtain a full time job as a software engineer

EDUCATION

Bachelors of Science in Computer Science

University of California Davis

Davis, CA

SKILLS

- **Coding Languages:** C/C++/C#, Python, Java, NodeJS, Golang, Groovy, Javascript, Typescript
- **Other Languages/Tools/Frameworks:** React, Angular, NextJS, Unity Engine, Spring Boot, Express, Selenium, Junit, Big Panda, Python FastAPI, Hyperledger fabric, SQL

EXPERIENCE

Full Stack Engineer

August 2022 - June 2024

Nisum Technologies, Inc.

Fremont, California

- Developed an order management system using **Angular** for front-end and **Spring Boot** for back-end in an agile environment.
 - Developed backend logic with Spring Boot for data validation and processing, managed databases using **JDBC** and **SQL**, and secured front-end authentication with **OAuth2**.
- Developed a decentralized healthcare system using **Next.js** and **Hyperledger Fabric**.
 - Implemented role-based access control in JavaScript chain code and designed frontend access control features for a healthcare system.
- Created a travel itinerary website using **Next.js** and **Python FastAPI**, integrating OpenAI, Gemini, and Llama3 models for itinerary generation.
- Developed VR Grocery and Mixed Reality Furniture Store Applications
 - Utilized **Unity Engine** to create immersive experiences, with features like cart tracking, real-time inventory management, AI chatbot support, and virtual furniture scene design for real-space compatibility assessment.
- Won a company-wide hackathon with a team of 4 people, competing against 50+ teams
 - Leveraged web scraping and Google Vision AI to analyze social media images, predicting clothing color patterns for fashion retail and e-commerce.
- Provided technical support for a HubSpot CMS website, troubleshooting functionality and performance issues, and creating custom themes and modules.

Software Engineer

March - May 2023

Creative Creation, Digital Agency.

Remote

- Developed a secure healthcare system backend using **Node.js**, including JWT token-based user authentication and role-based access control (RBAC) for enhanced data protection.
- Collaborated with front-end teams to seamlessly integrate authentication and authorization components, ensuring a user-friendly experience.

Software Engineer | Internship

June - September 2021

Nisum Technologies, Inc.

Fremont, California

- Made a **Spring Boot** conversion app that converts a legacy Spring MVC app to Spring Boot.
- Created a **groovy** command line interface for the conversion app to handle I/O
- Added another layer of I/O through a **shell script**, for input validation and consistently running the program on all team member's machines.