

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
- **Tools/Frameworks:** React, Angular, NextJS, Unity Engine, Spring Boot, Express, Selenium, Junit, Big Panda, Python FastAPI, Hyperledger fabric, Django, Redux
- **Cloud:** GCP, Firebase, Docker, Redis, RabbitMQ, Celery

EXPERIENCE

Full Stack Engineer | Founder

June 2024 - Present

Cirvion llc. smartdealership.ai

Dallas, Texas

- Developed a tool for car dealers to source profitable inventory from public marketplaces.
- This tool is a comprehensive solution built using **Django**, **Fast Api** for backend and microservices, **Next.js**, **React Native** and **Redux** for our UI and for database we used **Postgres** and **Redis**.
- Initially deployed our solution to **GCP** recently migrated to a **Hostinger VPS** for cost savings.
- Used **Portainer** and **Traefik** to monitor logs and configure our reverse proxy.

Full Stack Engineer

August 2022 - June 2024

Nisum Technologies, Inc.

San Francisco, California

- Built an Order Management System using **Angular** and **Spring Boot**, featuring data validation, processing, and OAuth2 security.
- Developed a Decentralized Healthcare System using **Next.js** and **Hyperledger Fabric** with role-based access control.
- Created a Travel Website with **Next.js** and **FastAPI**, integrating AI models for itinerary generation.
- Built VR grocery and furniture applications in **Unity**, incorporating inventory management and virtual scene design.
- Won a hackathon by using web scraping and **Google Vision AI** to predict fashion trends.
- Built a landing page using **HubSpot CMS**, including troubleshooting and custom theme creation.

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.

San Francisco, 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.