NAIJOE SRINIVASAN

Tempe, AZ - 85282

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PROFESSIONAL EXPERIENCE

Jetsudz Cleaning - Full Stack Developer   **Aug. 2024 – Present**
EPICS at ASU   *Tempe, AZ*
- Developed an e-commerce platform for service providers(cleaning, grooming, and repair) using **Next.js**.
- Built highly **responsive UIs** using React hooks and **Tailwind CSS**, ensuring **scalability** and search engine optimisation **(SEO)** using server-side rendering **(SSR).**
- Managed **PostgreSQL** databases using **Prisma ORM**, optimized queries, and implemented **SQL sanitization** functions to improve performance and security.
- Implemented a chatbot feature using **OpenAI's API**, integrating with the app's backend for real-time user interaction and data retrieval.
- Worked closely with **cross-functional teams** and stakeholders, refining the UX/UI to meet **business and customer requirements**.

Optum Global Solutions Pvt. Ltd. - Software Engineer   **Aug. 2020 – May. 2022**
Data Engineering Team   *Noida, India*
- Engineered **ETL pipelines** for insurance data from 30+ states using **PL/SQL** and **Oracle**, reducing data processing time by 35%, ensuring high availability and low latency.
- Developed a **front-end** architecture with **Angular**, **Spark**, and **Hadoop**, improving database access time by 45% and user experience by 90%.
- Automated XML data ingestion processes using **UNIX batch processes**, streamlining data operations and reducing execution time of DML queries by 35%.
- Actively participated in **code reviews**, ensuring code quality and adherence to industry standards.

EDUCATION

Arizona State University   **Aug. 2022 – May. 2024**
Master of Science in Computer Science   *Tempe, AZ*
Relevant Coursework: *Foundations of Algorithms, Data Visualisation, Mobile Computing, Human Computer Interaction*

Shiv Nadar University   **Jul. 2016 – Jun. 2020**
Bachelor of Technology in Computer Science and Engineering   *Greater Noida, India*
Relevant Coursework: *Data Structures and Algorithms, Object Oriented Programming, Introduction to Database Systems*

PROJECTS

Next.js Dashboard   **Aug. 2024 - Aug. 2024**
Admin Dashboard Web App   *USA*
- Built a real-time admin dashboard using **Next.js** to manage and visualize user and invoice data, integrating **PostgreSQL** for data management.
- Leveraged server-side rendering (SSR) and **NextAuth** for authentication and **performance optimization**.
- Implemented **image optimization** and other Next.js features to **decrease load times** and responsiveness.
- Integrated a **PostgreSQL** backend for invoice and user management, ensuring secure and efficient data storage and retrieval.

Spotify Music Web Application   **July. 2024 - Aug. 2024**
Fullstack Web App   *USA*
- Developed a full-stack web application using the **MERN** stack (MongoDB, Express.js, React, Node.js) to showcase and interact with personal Spotify data.
- Integrated Spotify API with **OAuth 2.0** for user authentication and data retrieval, storing data in **MongoDB Atlas**.
- Created dynamic, **responsive user interfaces** using **Tailwind CSS** allowing users to explore music data, listen to snippets, and gain insights into their music preferences.

Guardian Angel - AI Assistant   **Sept. 2023 - Dec. 2023**
Android Application   *ASU, USA*
- Built an AI-powered **Android application** using **OpenAI (ChatGPT) API** for **NLP** tasks such as event scheduling, text summarization, and music recommendations.
- Developed backend services with a **Flask server** and **Firebase** for data processing and storage, ensuring efficient communication with external APIs.
- Implemented features using **Java**, **Android Studio**, and **Android SDK**, deploying the application on mobile devices, with robust error handling and **performance optimizations**.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML5, CSS3, C++, Python, Java, Bash, SQL(PostgreSQL, MySQL, PL/SQL), NoSQL(MongoDB, Firebase)
Frameworks: React, Next.js, Angular, Express, Node.js, Flask, Prisma ORM
Tools: Tailwind CSS, Figma (UI/UX Design), Vercel (Deployment), Git, Docker, REST API
Cloud: AWS (EC2, S3, Lambda, Route 53), Firebase
SEO: Server-Side Rendering (SSR), Image Optimization, Accessibility