

NAIJOE SRINIVASAN

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PROFESSIONAL EXPERIENCE

Jetsudz Cleaning - Full Stack Developer

Aug. 2024 – Present

EPICS at ASU

Tempe, AZ

- Leading the development of an e-commerce platform using **Next.js** to connect users with service providers across industries such as cleaning, grooming, and repair.
- Implemented **server-side rendering (SSR)** and **static site generation (SSG)** for enhanced **SEO** and improved page load performance.
- Built and optimized **PostgreSQL** clients using **Prisma ORM**, designing efficient SQL queries, and implementing advanced **SQL sanitization** functions to ensure security and database integrity.
- Developing a responsive front-end using **Tailwind CSS**, ensuring a mobile-first design approach and seamless user experience across devices.

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%.

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, Data Mining, 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, Discrete Mathematics, Introduction to Database Systems

PROJECTS

Next.js Dashboard

Aug. 2024 - Aug. 2024

Admin Dashboard Web App

USA

- Built a dynamic, **real-time** admin dashboard using **Next.js** for data visualization and user management, with integrated role-based access control(**RBAC**).
- Leveraged server-side rendering (SSR) and **NextAuth** for authentication and **performance optimization**.
- Implemented **image optimization** and other Next.js features to **enhance load times** and responsiveness.
- Integrated a **PostgreSQL** backend for invoice and user management, ensuring secure and efficient data storage and retrieval.
- Designed a **responsive UI** using **Tailwind CSS**, providing a seamless user experience across devices.

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: C++, JavaScript (ES6), Python, Java, SQL, C++, Bash, HTML, CSS, Scala, R, Matplotlib

Technologies/Frameworks: React, Express, Docker, Flask, REST Services, Next.js, AWS (S3, EC2, ASG, AuroraDB), MongoDB, MySQL, Firebase, PostgreSQL, Git, GitHub, Android Studio

Core Competencies: Fullstack Development, Database Management, Software Development, Data Visualization, Deep Learning, Agile Methodology