

Naijoe Srinivasan

602-862-8511 | nsrini23@asu.edu | [linkedin.com/in/naijoesrinivasan](https://www.linkedin.com/in/naijoesrinivasan) | github.com/naijoesrinivasan | [Portfolio](#)

EDUCATION

Arizona State University

Master of Science in Computer Science

Tempe, AZ

Aug. 2022 – May 2024

Shiv Nadar University

Bachelor of Technology in Computer Science and Engineering

Greater Noida, India

Jul. 2016 – Jun 2020

EXPERIENCE

Full Stack Developer

Aug. 2024 – Present

Jetsudz Cleaning Inc.

Tempe, AZ

- Engineered an **SaaS** platform utilizing **Next.js** and **TypeScript**; improved site navigation speed by 25% through **optimization** techniques such as **lazy loading**, and **code splitting**
- Devised 20+ reusable components leveraging **React**, **Shadcn UI** and **Tailwind CSS**; streamlined development processes leading to a decrease in debugging time by an estimated 3 hours per week
- Integrated secure backend **APIs** with **React Server Components** and **Prisma ORM** for **PostgreSQL**; implemented **SQL sanitization** techniques and secured the site against **XSS** and **CSRF** attacks
- Optimized** application performance through **API rate limiting** and **Redis caching**, achieving a **TTI** under 5 seconds and **FCP** under 2 seconds, significantly enhancing user experience

Software Engineer

Aug. 2020 – Mar. 2022

Optum Global Solutions Pvt. Ltd.

Noida, India

- Revamped a dashboard using **Angular** and **Spring Boot**, implementing **query optimization** and **database indexing** to reduce retrieval times by 45%
- Designed **ETL** frameworks in **Java** and **Oracle PL/SQL** to process over 6 million records across 30+ states daily, cutting processing time by 50% and improving data throughput by 3x
- Automated deployment workflows with **UNIX** batch processes, improving overall efficiency by 30%
- Leveraged **Git** and **GitHub** for **version control**, conducted thorough **code reviews**, and merged pull requests to uphold robust code quality; resolved five high-priority bugs before production deployment

PROJECTS

Jam-Jam | React, Express, Spotify API, CSR, Tailwind

Jun. 2024

- Leveraged the **MERN** stack to create a Spotify utility app with **OAuth** authentication via Spotify, enabling seamless user login and secure data access
- Implemented **Lighthouse** auditing to ensure **WCAG** standards compliance, alongside **Jest** and **Sentry** for debugging and maintaining a high-quality, accessible, and performant user experience
- Employed **React Router 6** for robust **client-side rendering** with precise state management via **Redux**
- Established rigorous **testing** methodologies via **Mocha** and **Chai**, achieving top-tier performance benchmarks observed with **Web Vitals**

NYC Yellow Cab Trip Analysis (Coursework) | Scala, Docker, Neo4j, Kubernetes, Kafka

Mar. 2024

- Architected an implemented a **distributed data processing** pipeline using **Kafka**, **Neo4j**, and **Kubernetes**, enabling real-time ingestion and processing of streaming data
- Developed and optimised **ETL workflows** with **Kafka Connect**, seamlessly integrating data from multiple sources into a Neo4j graph database for advanced **analytics**
- Deployed the solution in a **Dockerised** environment orchestrated with Kubernetes, ensuring **system scalability**, **fault tolerance**, and **high availability**

AI Assitant (Coursework) | OpenAI API, Flask, Python, Java, Android Studio, NLP

Dec. 2023

- Built an AI-powered **Android** application using OpenAI's (**ChatGPT**) **API** focused on streamlining event management processes through **NLP** techniques, reducing manual input time by over 3 hours weekly per user
- Designed robust backend infrastructure incorporating **Flask server** paired with **Firestore** database; enhanced data consistency using **transactional APIs** and atomic write operations
- Developed and deployed mobile features using **Java**, **Android Studio**, and **Android SDK**; ensured robust error handling led to a 30% reduction in app crash reports during testing

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML5, CSS3, C, C++, Python, Java, Go, Bash, SQL, NoSQL, Scala

Frameworks/Libraries: React, Next.js, Remix, Angular, Express, Node.js, NestJs, Flask, Tanstack, Socket.IO, Three.js

Databases: MongoDB, Firestore, MySQL, DynamoDB, AuroraDB, PostgreSQL, Cassandra, Redis, Elasticsearch, Neo4j

Tools: Vite, Mocha, Chai, Tailwind CSS, SASS, Webpack, Git, Docker, REST API, GraphQL, npm/yarn

Cloud: AWS (EC2, S3, SQS, Route 53, AKS, RDS), Netlify, Vercel, Cloudflare, GitHub Actions

Others: SSR, CSR, SEO, Accessibility (WCAG), gRPC, CI/CD Pipelines, WebSockets, JWT Authentication