ADITYA NATH SUMAN

+91 8209246645 | adityanathsuma15@gmail.com | LinkedIn | Github | My Portfolio

Results-driven Full-Stack Software Development Engineer with over 3 years of experience at Publicis Sapient, specializing in the React ecosystem and performance optimization for financial applications, currently based out of Noida but open to relocation. Proven track record of enhancing user experiences by reducing load times significantly, streamlining codebases through TypeScript migration, and contributing to collaborative projects within large teams. Adept in both frontend and backend technologies, with strong skills in Agile methodologies.

TECHNICAL SKILLS

- **Frontend Technologies:** React.js, Next.js, TypeScript, GraphQL, Zustand, SASS, Bootstrap
- **Backend Technologies:** Node.js, NestJS, Express.js
- **Database Management:** PostgreSQL, MongoDB
- **Testing Frameworks:** Jest, Mocha
- **Development Tools:** Git, Jenkins, TurboRepo
- **Development Practices:** Agile Methodologies, Unit Testing, Responsive Web Design
- **Architectural Patterns:** Event-Driven Microservices, Mono-repo and Multi-repo Management

EXPERIENCE

October 2022 - Present
Associate Software Development Engineer 2 | *Publicis Sapient | Gurugram, Haryana, India*

- **Optimized Retail Banking Platform:** Achieved a **70% reduction** in load time (from 10 seconds to under 3 seconds) through targeted performance enhancement techniques, directly improving user satisfaction.
- **Led TypeScript Migration:** Spearheaded the migration of the stitching layer and micro-frontends to TypeScript, enhancing code maintainability and reducing error rates in a large, complex codebase.
- **Agile Collaboration:** Collaborated within a cross-functional team using Jira, BitBucket, and Confluence, promoting efficient project delivery and transparent communication.

Technologies Used: HTML, CSS, React.js, SASS, Webpack, TurboRepo, GraphQL, TypeScript, Zustand

May 2021 - October 2022
Associate Software Development Engineer 1 | *Publicis Sapient | Remote*

- **Developed A4E Portal:** Designed and implemented the Advice For Everyone (A4E) portal for bankers, enhancing client engagement with financial services. Improved UI using SASS in alignment with the bank's Shield Design System.
- **Integrated GraphQL:** Effectively utilized Apollo Client and React Query for seamless integration of GraphQL endpoints, improving data retrieval efficiency and responsiveness.
- **Implemented Module Federation:** Enhanced scalability and modularity of the application by introducing Module Federation for integrating multiple Next.js micro-frontends.

Technologies Used: React.js, TypeScript, SASS, GraphQL, Apollo Client, Next.js

PROJECTS

Video Streaming Application
- Developed a video streaming application using Express.js, Node.js, and React.js, allowing users to upload, stream, and manage video content with HTML5 video support.
- Implemented features for user authentication, video processing, and responsive design for seamless playback across devices.
- **Technologies**: React.js, Node.js, Express.js, HTML5, MongoDB

Mini Search Engine
- Developed a mini search engine indexing website links using the PageRank Algorithm, allowing for the creation of offline website copies.
- **Technologies:** Python, HTML5, REST APIs

Weather Forecast App
- Developed a full-stack application for weather forecasting, implementing efficient data retrieval using BFF architecture and optimizing suggestions with the Strategy Pattern.
- **Technologies:** React.js, NestJS, OpenWeather API

Portfolio Website
- Created a personal portfolio site using Next.js and Tailwind CSS, effectively showcasing skills and projects with a focus on responsive design.
- **Technologies:** React.js, Next.js, TypeScript, ESLint

ADDITIONAL INFORMATION

- Passionate about continuous learning, open-source contributions, and staying abreast of industry trends.
- Excellent interpersonal and communication skills, fostering effective teamwork and collaboration.

EDUCATION

National Institute of Technology Hamirpur | Himachal Pradesh India   May 2021
BTech in Computer Science and Engineering   GPA: 7.83 / 10