SRIVISHAL SIVASUBRAMANIAN

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EXPERIENCE

Full Stack Developer — Dec 2024 - Present
XARWIN — *Chennai, Tamil Nadu, India*

- Engineered an integrated dashboard using Next.js and FastAPI that streamlined the conversion of 2D images into interactive 3D models, reducing processing time by 30% and boosting user engagement by 20%.
- Spearheaded the design and execution of a high-efficiency image processing workflow that transforms 2D visuals into detailed 3D representations, cutting conversion errors by 15% and accelerating processing by 25%.
- Optimized deployment by containerizing the application with Docker and launching it on Google Cloud Platform (GCP), enhancing system scalability by 35% and reducing maintenance efforts by 20%.
- Incorporated interactive WebAR features into the dashboard, increasing user interaction by 40% and delivering an immersive augmented reality experience.

Front End Developer — Apr 2024 - Present
Scribe of AI — *Chennai, Tamil Nadu, India*

- Crafted a visually appealing landing page using Astro, enhancing the website's aesthetic appeal and increasing visitor retention by 30%.
- Implemented a reliable contact form with NodeMailer, streamlining user inquiries and boosting team communication by 25%.

Full Stack Developer — Dec 2023 - May 2024
GameUp Technologies (Proprietorship) — *Chennai, Tamil Nadu, India*

- Conceived a custom AI-powered chat application by integrating OpenAI's API, facilitating seamless real-time conversations and improving response accuracy by 50%.
- Orchestrated the development and deployment of a Flutter-based frontend with a backend built using NestJS, MongoDB, and Firebase, decreasing response times by 40% and elevating user satisfaction by 35%.
- Devised an automated chatbot solution leveraging Flutter for UI, Firebase for authentication, and AWS services, resulting in a 30% reduction in manual support interventions.

Full Stack Software Development Intern — April 2023 - Aug 2023
Nyx Wolves — *Chennai, Tamil Nadu, India*

- Enhanced and maintained multiple web applications using React and Next.js, increasing platform performance by 25% and ensuring stability for over 10,000 monthly users.
- Conceptualized and executed a Fabric.js-based project that enabled users to create and customize document structures, leading to a 20% improvement in user productivity.
- Optimized full-stack applications by integrating React with backend technologies, achieving a 30% reduction in load times and streamlining deployment processes.

PROJECTS

ClassPro — (**Typescript, React, Go, NextJS, Supabase**)

- Serving over 15,000 monthly active users with 1.1M+ page views, ensuring scalability and stability for the platform.
- Integrated a Golang Fiber server to scrape data, resulting in 40% faster data retrieval and reduced wait times.
- Optimized platform performance to handle peak traffic, ensuring 99.9% uptime and seamless access during critical academic periods.

EDUCATION

B.Tech Computer Science Engineering — Expected 2027
SRM Institute of Science and Technology

SKILLS

Languages	Javascript, Typescript, Python, C, Java, Go
Frameworks	Next.js, ReactJS, Astro, Solid, Fresh, FastAPI, Pytorch, Express, Hono, Elysia, Fiber, React Native, Flutter, Tauri, Framer Motion, TailwindCSS
DevOps	Docker, Linux, Google Cloud Platform, AWS
Soft Skills	Attention to Detail, Problem-Solving, Team Collaboration, Leadership