

Baba Sriharsha Asapu

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SUMMARY

Developer focused on building and refining real web systems, including a production alumni engagement platform and AI-assisted portfolio applications. Strong experience with React and Next.js, with an emphasis on problem-solving, system reliability, and clear user experiences.

PROFESSIONAL EXPERIENCE

Founder & Lead | BuiltinTech - IT Services

Jan 2023 - Dec 2023

- Built and deployed 10+ full-stack applications using Html, Css, Javascript, Flask, and Firebase.
- Directed a 5-member team, achieving 20% faster delivery via Agile sprints.
- Achieved 95% client satisfaction, leading to repeat projects.

Frontend Developer | Areksoft Technologies

Aug 2022 – Dec 2022

- Contributed to frontend development using HTML, CSS, and JavaScript for client-facing interfaces.
- Collaborated with senior developers to implement UI requirements and improve responsiveness.
- Worked within a professional development workflow using version control and basic SDLC practices.

ACADEMIC PROJECTS

Alumni Engagement Platform (Slu Alumni Connect)

Nov 2025

Next.js | React | Python | Rest API's | Vercel

- Developed a live alumni engagement platform prototype as a Master's project, centralizing alumni profiles, events, and mentorship workflows.
- Led frontend development using Next.js, translating system architecture and ERDs into a dashboard-driven, user-focused interface.
- Integrated backend APIs and data services to support dynamic workflows across events, RSVPs, and dashboards.
- Generated and analyzed synthetic datasets using Python to simulate real engagement patterns while ensuring ethical data practices.
- Deployed the application on Vercel with version control via GitHub.

View my projects here: [slu-alumni-connect](#)

Jun 2025

Portfolio Website

Next.js | React.js | Tailwind CSS | TypeScript

- Designed and deployed a production-grade personal portfolio showcasing projects and experience with a strong focus on clarity and recruiter usability.
- Refined the UI to a dark-only, minimal design and removed fragile animation dependencies to improve runtime stability.
- Implemented a Retrieval-Augmented Generation (RAG) based chat system to answer questions strictly from documented projects and background, avoiding exaggerated or unsupported claims.
- Optimized for SEO, performance, and long-term maintainability

View my project here: [my_portfolio](#)

May 2025

AI Resume Editor (Resume Automation Tool)

Python | Streamlit | NLP | Firebase

- Designed and deployed a modern personal portfolio website showcasing projects and skills.
- Implemented responsive design, dark/light theme toggle, and custom animations for enhanced UX.
- Integrated Firebase for contact form handling and hosting.
- Optimized for SEO and performance, improving recruiter engagement.

View my project here: [ai_resume_editor](#)

TECHNICAL SKILLS

Front-End: HTML, CSS, JavaScript, React, Next.js, Tailwind CSS

Back-End & APIs: Python, Flask, REST APIs, Firebase

AI/ML Integration: Retrieval-Augmented Generation (RAG), OpenAI API, NLP techniques

Databases & Cloud: MySQL, Firebase

Tools & Version Control: Git, GitHub, VS Code, PyCharm

EDUCATION

MS in Information Systems, Saint Louis University, Saint Louis, Missouri

Jan 2024 - Dec 2025

Bachelors in Computer Science, Hyderabad, Telangana, India

May 2019 - June 2023