Akash Sakthimurugan

✉ Gmail | in Linkedin | ⓞ Github | 🌐 Portfolio | 📞 (+91) 9491386870

🎓 EDUCATION

Sri Sivasubramaniya Nadar College of Engineering — Chennai, TN
B.Tech in Information Technology (CGPA: 7.81/10) — *Sept. 2022 – Expected. 2026*

Bhashyam Junior College — Rajahmundry, AP
HSC (Percentage: 97.3%) — *Jun. 2020 – May. 2022*

💼 EXPERIENCE

KaReFo — Oct. 2024 – Present
Software Developer Intern — *Hybrid*
- Building 19 interactive Tamil games in React.js, integrated into an HTML site with dynamic API-data.
- Implemented score tracking with backend API sync, responsive design for all screen sizes, Safari compatibility fixes, and worked on the .exe installer for deployment.
- Supporting an educational rollout in Tamil Nadu schools to promote tech-based language learning.

Digenie — Apr. 2024 – Jun. 2024
Web Developer Intern — *Remote*
- Built and maintained **high-performance, scalable web applications** using the **Next.js** framework.
- Contributed to **3 client projects** (Sri Hospitals, Digenie, Spice N Oil) deployed on **Hostinger and Vercel**.
- Created **detailed style guides** to ensure **design consistency and maintainability** across client websites.

🖥 PROJECTS — VIEW ALL PROJECTS→

HashiraSwap | *Next.js, React.js, Web3, Ethereum* 🔗 Demo — ⓞ Code — May 2025 – Jun 2025
- Built a DEX for real-time ERC-20 token swaps using Uniswap V2 smart contracts and integrated MetaMask for wallet interaction.
- Implemented Web3.js interactions with wallet connectivity and Ethereum network validation.
- Optimized Web3 state and tested DeFi transactions on an Ethereum fork network.

Sell It Dude! | *Next.js, React.js, MongoDB, Express.js* 🔗 Demo — ⓞ Code — Aug 2024 – Sep 2024
- Developed a **marketplace platform** enabling seamless trading among **college students**.
- Implemented **secure authentication** and **dynamic product listings** to enhance user engagement.
- Encouraged **sustainability** with eco-friendly practices for **goods exchange** within the college community.

EduGauge | *Next.js, React.js, Express.js, Firebase, Chart.js* 🔗 Demo — ⓞ Code — Apr 2024 – Jun 2024
- Optimized **academic tracking** with pass/fail analysis, GPA/CGPA calculations, and rankings.
- Integrated Excel data through Firebase for **advanced visualization** and actionable insights.
- Developed **interactive dashboards** and **reports** to support **data-driven decision-making** for educators.

📘 COURSEWORK

Data Structures & Algorithms, Object Oriented Programming, Design Patterns, Networks, Database Management Systems, Operating Systems

🗄 TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, GoLang
Frameworks: Next.js, TailwindCSS, Express.js, FastAPI
Libraries: React.js, Zustand
Databases: SQL(Postgres), MongoDB, Firebase
Developer Tools: GitHub, Docker, Postman, VS Code

📈 LEADERSHIP & ACHIEVEMENTS

- **Full Stack Dev Deputy Team Lead - SSN Coding Club**: Appointed to the SSN Coding Club to collaborate with the Team Lead in managing the FS-SWE vertical and overseeing core club members.
- **Mentored 12 Interns as TL - DNYX**: Led frontend development at DNYX, managed client project tasks, and prepared interns for future client projects.
- **Contributed to 8+ Client Projects**: Collaborated with UI and backend teams to build and maintain web applications, delivering high-quality solutions for clients.