

Akash Sakthimurugan

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🎓 EDUCATION

Sri Sivasubramaniya Nadar College of Engineering

B.Tech in Information Technology

Chennai, TN

Sept. 2022 – Expected. 2026

Bhashyam Junior College

HSC (Percentage: 97.3%)

Rajahmundry, AP

Jun. 2020 – May. 2022

🛠 EXPERIENCE

KaReFo

Software Developer Intern

Oct. 2024 – Present

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

Web Developer Intern

Apr. 2024 – Jun. 2024

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, NextApi Routes* [🔗 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, Redux Toolkit

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.