

# Akash Sakthimurugan

✉ Gmail | [in](#) LinkedIn | [G](#) Github | [P](#) Portfolio | [📞](#) (+91) 9491386870

## 🎓 EDUCATION

### Sri Sivasubramaniya Nadar College of Engineering

B.Tech in Information Technology (CGPA: 8.02/10)

Chennai, TN

Sept. 2022 – Expected. 2026

### Bhashyam Junior College

HSC (Percentage: 97.3%)

Rajahmundry, AP

Jun. 2020 – May. 2022

## 🔧 EXPERIENCE

### KaReFo

Software Developer Intern

Nov. 2024 – Present

Remote

- Developed **12 Tamil language games** with **interactive features** to enhance gameplay.
- Implemented **responsive designs** with **accessibility features** like high-contrast text, screen reader support.
- Optimized **typography for Tamil and English**, ensuring clarity and readability.

### 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

### MoodSync | *React.js, TensorFlow.js, Spotify API, MongoDB* [🔗 Code](#)

Nov 2024 – Dec 2024

- Built an **emotion-based player** using CNN for emotion detection and **Spotify API** for **music recommendations**.
- Utilized **TensorFlow.js** and **Face.js** for real-time facial recognition of age and emotions.
- Designed a minimal UI with **language selection** and **camera-based emotion detection**.

### 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, C/C++, HTML/CSS

**Frameworks:** Next.js, TailwindCSS, Express.js, Node.js, Flask, FastAPI

**Libraries:** React.js, Shadcn, Acternity UI, Pandas, NumPy, Matplotlib

**Databases:** SQL(Postgres), MongoDB, Firebase

**Developer Tools:** GitHub, Docker, 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.