

# Saanvi Kumar

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## EDUCATION

### SRM Institute of Science and Technology

B. Tech in CSE w/s AIML

CGPA: 9.42

Chennai, TN

Expected Graduation, June 2026

## EXPERIENCE

### Patent Ninja

Frontend Developer

Remote

Dec 2023- Feb 2024

- Made the website for generating patents using tools like React Query and Zustand.
- Developed on NextJS using Tailwind CSS.

## ORGANIZATIONS

### SRMKZILLA (Official Mozilla Campus Club)

Technical Associate Lead

Chennai, TN

Sep 2022 - present

- Commenced my journey as a member (selected among 100+ applicants) and progressed to the role of Technical Associate, demonstrating consistent dedication and expertise in web development.
- Actively contributed to numerous open-source projects, specializing in React, NextJS, and Remix frameworks
- Developed a blogs site as the lead developer showcasing strong leadership and technical expertise in guiding the project to successful completion.
- Led and mentored 6 junior developers across 2 projects.

### GDSCSRM (Official Google Developers Students Club)

Technical Associate Lead

Chennai, TN

Mar 2023- present

- Worked on a event booking portal made in Remix.
- Made the website for an event Design and Develop. The portal successfully facilitated event registrations, surpassing the milestone of 1000 registrations.

## PROJECTS

### Color-Gen

A Chat-GPT powered color palette generator

Chennai, TN

- Developed and launched a color palette generator using OpenAI API, streamlining design workflow by automating hex code extraction and selection processes, saving the design team 15+ hours per project cycle.
- Explored prompt engineering techniques to enhance ChatGPT results, showcasing practical experience in optimizing natural language processing.
- Developed my first-ever website from scratch, highlighting hands-on skills in web application creation and API integration.

### KZBlogs

A blogs website for SRMKZILLA

Chennai, TN

- Used Python with Fast API for backend development, and React with Next.js (app directory) for the frontend.
- Implemented Google Authentication to fortify security measures and enforce role-based access control, ensuring secure and seamless user authentication and authorization processes.
- Served as a newsletter for over 70 members in the club and 5000+ students on campus.

### Fury

A Recruitments Portal for SRMKZILLA

Chennai, TN

- Collaborated with 10 people to develop a recruitment platform using Go for backend and React and Tailwind with Remix for frontend.
- Implemented a user-friendly dashboard for applicants and an intuitive admin portal for reviewers, enhancing the recruitment experience.
- Accelerated application processes, facilitating more than 5000 applicants on campus without performance degradation.

### Bone Fracture Detection

A Digital Image Processing and Machine Learning Project

Chennai, TN

- Used the MURA dataset and ResNet50 CNN to predict bone fractures.
- Implemented advanced image preprocessing techniques to ensure robustness against variations, enabling accurate fracture prediction even for rotated images.
- Achieved a prediction accuracy rate of 90%.

## SKILLS

**Programming:** Java, Python, JavaScript, TypeScript, HTML/CSS, C++, C,

**Libraries:** Matplotlib, NumPy, Pandas, Seaborn, Scikit-Learn, BeautifulSoup, React

**Frameworks:** Tailwind CSS, NextJS, Remix

## Certifications

- Machine Learning Specialization – Stanford University
- Programming in Java – NPTEL ( Silver Medal)