

# SWAROOP PATIL

Pune, Maharashtra

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## EDUCATION

**AISSMS Institute of Information Technology, Pune**

**2023 – 2027**

*B.Tech - Information Technology CGPA: 8.38*

*Pune, Maharashtra*

## EXPERIENCE

**Developer Intern at Hosteze (ReactJS, NextJS, TypeScript, Tailwind CSS)**

**Aug 2024 - Sep 2024**

- Implemented a "Contact via WhatsApp" feature, enabling users to initiate seamless communication directly from the platform. This integration boosted engagement and facilitated direct user interactions.
- Implemented advanced loading skeletons to enhance perceived loading times, delivering a smoother and more responsive user experience.

**IOIT ACM Web Team (Next.js, TypeScript, GSAP, Three.js, Flask, HTMX, Tailwind CSS)**

**2024 - Present**

- Built and maintained websites for IOIT ACM ([ioit.acm.org](http://ioit.acm.org)), IOIT TENET ([ioittenet.com](http://ioittenet.com)), and IOIT MUN ([ioitmun.com](http://ioitmun.com)).
- Migrated the IOIT MUN codebase to enhance maintainability, scalability, and performance.
- Worked collaboratively with a team of developers to deliver high-quality web solutions.
- Refactored and optimized existing codebases for better efficiency and maintainability.

**Freelance Developer (Next.js, TypeScript, Tailwind CSS, PWA)**

**Dec 2024**

- Developed a product catalog website for Gore Enterprises' Nirvis Dry System ([nirvisdry.in](http://nirvisdry.in))
- Designed and built a fully responsive, mobile-friendly, and SEO-optimized website to enhance customer reach.
- Handled hosting, domain setup, and deployment for a seamless production environment.

## PROJECTS

**College Predictor (TypeScript, React, TailwindCSS, Next.js, MongoDB) 🐙**

**May 2025**

- Built a full-stack web app to predict engineering and pharmacy college admission chances for JEE and MHT-CET aspirants.
- Scraped and parsed official admission cutoff data using custom web scraping tools to fuel prediction models.
- Grew to 1000+ users in 2 weeks post-launch with increasing daily active users and organic traction.

**Bit By Query (ExpressJS, React, Vite, Tailwind CSS, SQLite, MySQL) 🐙**

**Jan 2025**

- Developed a competitive SQL platform for hosting SQL competitions and challenges. Users can create, participate in, and judge SQL challenges.
- Implemented secure user authentication, challenge evaluation, countdown and leaderboard.

**Scruter (Bootstrap, JavaScript, Express.js, Node.js, PWAs, REST APIs) 🐙**

**Jul 2024**

- Scruter is a local classifieds and community site designed to bring people together for buying, selling, and exchanging goods and services.
- Developed features like user authentication, posting listings, and search functionalities.

**Code Complexity Analyzer (Google Gemini, Flask, Tailwind CSS, Chart.js) 🐙**

**Oct 2024**

- Developed a web-based application to help developers analyze the complexity of their code, providing insights into both time and space complexity.
- Integrated interactive charts to visualize time and space complexity trends for better analysis.
- Leveraged Gemini AI to suggest optimized code solutions, enhancing efficiency and performance.