SWAROOP PATIL

Pune, Maharashtra

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EDUCATION

AISSMS Institute of Information Technology, Pune   **2023 – 2027**

B.Tech - Information Technology   CGPA: 8.03   *Pune, Maharashtra*

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), IOIT TENET (ioittenet.com), and IOIT MUN (ioitmun.com).
- Migrated the IOIT MUN codebase to enhance maintainability, scalability, and performance.
- Developed ChapterOS (os.ioit.acm.org), an internal ERP-like system for managing chapter operations and activities.
- Developed CI/CD pipelines and wrote automation scripts to streamline deployment and task management processes.
- Organised a national level hackathon (hack.ioittenet.com) and developed the website for the hackathon.

Freelance Developer (Next.js, TypeScript, Tailwind CSS, PWA)   Dec 2024

- Developed a product catalog website for Gore Enterprises' Nirvis Dry System (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

BugChan (Solidity, React, IPFS, Smart Contracts, Blockchain) ○ ⚭   Oct 2025

- Built a decentralized bug bounty platform for Web3, connecting security researchers with blockchain projects through smart contract-powered bounties with transparent, trustless payouts.
- Implemented end-to-end client-side encryption for vulnerability reports stored on IPFS, ensuring data privacy while maintaining verifiable, time-stamped records on-chain.
- Won ETHOnline'25 Partner Prize by Blockscout - Best use of Autoscout self-service explorer launchpad (2nd place).

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, SQLlite, 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.