SWAROOP PATIL

Pune, Maharashtra

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EDUCATION

AISSMS Institute of Information Technology, Pune **2023 − 2027**
*B.Tech - Information Technology - **CGPA - 9.0***   *Pune, Maharashtra*

EXPERIENCE

Developer Intern at Hosteze   **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.
- Technology Stack: Leveraged ReactJS, NextJS, TypeScript, and Tailwind CSS to optimize frontend performance, build reusable components, and improve code maintainability.

Developer at ACM Web Team   **Jul 2024 - Present**

- Contributed to the development and optimization of websites for the ACM Web Team, supporting various college initiatives.
- Developed websites for IOIT TENET (ioittenet.com) and IOIT MUN (ioitmun.com).
- Worked collaboratively with a team of developers to deliver high-quality web solutions.
- Refactored existing codebases to improve scalability and maintainability.
- Technology Stack: Next.js, ReactJS, TypeScript, GSAP, Three.js.

PROJECTS

Code Complexity Analyzer ⊙ %   **Oct 2024 − Oct 2024**

- Developed a web-based application to help developers analyze the complexity of their code, providing insights into both time and space complexity.
- Used Flask for the backend, Chart.js for data visualization, and Tailwind CSS for styling.
- Implemented code complexity metrics to calculate cyclomatic complexity, maintainability index, and other relevant metrics.
- Skills: Generative AI, Google Gemini, Flask, Tailwind CSS, Chart.js, Prism.js.

Scruter ⊙ %   **Jul 2024 − Aug 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.
- Skills: Bootstrap, JavaScript, Application Development, Express.js, Node.js, Progressive Web Applications (PWAs), REST APIs.

Health Link ⊙ %   **Oct 2024 − Present**

- Developed a comprehensive healthcare app for appointment scheduling, managing medical records, viewing lab results, and booking vaccinations.
- Implemented user authentication, secure data storage, and real-time notifications.
- Skills: Next.js, TypeScript, MongoDB, ReactJS, Shadcn, Tailwind CSS, Progressive Web Applications (PWAs), REST APIs.

ACHIEVEMENTS

Won consolation prize at Navdhara Project Competition for Scruter, Organized by PCCOER, Pune.

Won 40th place in Top 50 Project Admins at GirlScript Summer of Code 2024 Extended.