

Swapnil Prakash Patil

Navi Mumbai, Maharashtra

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Portfolio: swapnil2382.github.io/portfolio

GitHub: github.com/swapnil2382

Summary

Dedicated third-year Computer Engineering student with a strong foundation in software development and problemsolving. Proficient in Java, C++, Python, and web technologies, with hands-on experience in real-world projects. Passionate about leveraging technical expertise to develop innovative solutions and contribute effectively in a dynamic team environment

Education

Bachelor of Computer Engineering

Saraswati College of Engineering, Mumbai University Expected

Graduation: Pursuing | Percentage: 71.64%

Technical Skills

- Programming Languages: Java, Python, Node.js, Express.js
 - Web Technologies: HTML5, CSS3, JavaScript, React.js
 - Database: MySQL , MongoDB
 - Tools & Platforms: Git, AWS, Virtual Machines, Agile Methodologies
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Projects

- **Complaint Management System**
Web app for complaint tracking, management, and analytics with an enhanced UI for improved user experience.
- **Movie Ticket Booking System**
Responsive platform offering secure payments, user authentication, and a mobile-friendly design for seamless ticket booking.
- **Cultural Heritage Platform**
Interactive web application featuring multimedia content aimed at promoting and preserving cultural heritage.
- **Parents-Teacher Portal**
Developed a communication portal to facilitate seamless interactions and updates between parents and teachers.
- **Disaster Relief Management System**
Created a digital platform to streamline aid distribution and coordinate crisis response during disasters.
- **Investment Portal**
A feature-rich investment calculator and stock trading platform allowing users to analyze investments, manage balances, and efficiently purchase stocks.

- **Fintech – AI-Powered Accountant**

Intelligent financial management system built with the MERN stack. Utilizes AI to track expenses, manage investments, and deliver personalized tax insights.

- **Vendor Place Allocation System**

Smart platform for efficient allocation of vendor spots in weekly markets. Features government license verification, congestion reduction strategies, and transparent commission handling.

Internships

Prodigy Infotech

- Developed and maintained web applications, improving user interfaces and experiences.
- Collaborated with cross-functional teams for feature development.
- Gained hands-on experience in front-end and responsive design.

Octanet Tech Services

- Assisted in optimizing web solutions for performance and scalability.
 - Engaged in debugging, testing, and agile development practices.
 - Strengthened problem-solving skills through hands-on projects.
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Certifications

- **Java Programming (Coursera) – Completed**

Gained expertise in Java fundamentals, object-oriented programming, and application development.

- **Data Analysis Certification (Accenture) – Completed**

Developed skills in data manipulation, visualization, and interpretation using Excel and Python.

- **AWS APAC Solutions Architecture Virtual Experience Program – Dec 2024**

Designed scalable hosting architecture with AWS Elastic Beanstalk and analyzed cost structures for business scalability.

- **Goldman Sachs Software Engineering Virtual Experience Program – Dec 2024**

Conducted IT security assessments, identified hashing algorithm vulnerabilities, and proposed security enhancements.

- **Generative AI by Microsoft – Issued by LinkedIn**

Covered AI fundamentals, including responsible and ethical use of AI.

- **Hackverse 2025 Participation – Issued by Hackverse**

Selected from 200+ groups for innovative project contributions.

- **CodeCrafters 2.0 2025 Participation – Issued by CodeCrafters 2.0**

Chosen from over 850 groups for outstanding performance in a high-impact hackathon.

- **Avishkar 2025 Participation**

Participated in Avishkar 2025, showcasing innovative technical ideas and solutions.