

Nilesh Patil

Portfolio: [Link](#)

Github: github.com/strange9422

Email: nileshp1205@gmail.com

Mobile: +91-750-7701-325

EDUCATION

- **Savitribai Phule Pune University** Pune, India
Bachelor of Engineering - Computer Engineering; GPA: 8.56 *July 2019 - June 2023*

SKILLS SUMMARY

- **Languages:** Python, Java, C++, JavaScript, SQL, Bash, PowerShell
- **Frameworks:** React, Spring Boot
- **Tools:** Docker, GIT, Jenkins, MySQL, Postman, Jira, Confluence
- **Platforms:** Linux, Web, Windows, AWS
- **Subject:** Operating Systems, Data Structures, Analysis Of Algorithms, Machine Learning, Networking, Databases

EXPERIENCE

- **Cisco Systems** Bangalore, India
Software Engineer (apprenticeship) *Sep 2023 - March 2025*
 - **WxCCE Security Scan Automation Solutions:** Developed and deployed an automated solution which streamline the process for Corona and Solis security scanning, integrating Python, Jenkins, PowerShell scripts, Cisco IT Win VM, and security tools (Corona and Solis), reducing manual efforts by 100% and ensuring consistent, timely scans across builds
 - **CCBU Certificate Management Agent :** Developed a certificate management solution using Bash, XML, and APIs for seamless agent-server interactions. Designed a Discovery Module to auto-identify services and versions, streamlining certificate management. Built Linux CLI tools for server operations, improving efficiency. Implemented a notification system for certificate expirations, reducing downtime risks. Ensured system reliability through rigorous testing.
 - **Markup Importing Automation tool::** Built and deployed the automation tool which streamline the process of transferring markups from one image to another across products. This tool provides additional features like preservation of previous markups, Comprehensive Reporting, Email notification.

PROJECTS

- **ReadRecommender (Web Development, Machine Learning):** Developed a machine learning-based book recommendation engine using Python, Flask, HTML, CSS, and JavaScript. Implemented collaborative and content-based filtering to analyze user preferences and reading history. Optimized the model for accuracy and efficiency, enhancing user experience. [Link](#)
- **Student Management System (Web Development):** Developed a Student Management System with React.js, Spring Boot, and MySQL. Implemented features like user authentication, student search, addition, and deletion. Designed RESTful APIs for seamless frontend-backend interaction. Configured database integration and optimized performance for efficient student data management. [Link](#)
- **Personal Portfolio (Web Development):** Developed a visually appealing personal portfolio website using HTML, CSS and JavaScript. Hosted on netlify, the website showcases my skills, projects and experience, providing a professional platform to highlight my work and accomplishments. [Link](#)

CERTIFICATES & ACHIEVEMENTS

- **CCNA Certification (Cisco) (2024):** [Link](#)
- **AWS Certified Cloud Practitioner (Amazon) (2025):** [Link](#)
- **Cisco Apprenticeship Certificate(2025):** [Link](#)
- **Full Stack Web Developer Certification (Simplilearn) (2024):** [Link](#)
- **Python Certification(Simplilearn):** [Link](#)
- **Coding Platform:.** [Link](#)