

SAURABH JADHAV

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Summary

Software Developer skilled in JavaScript, Java, React, Spring Boot, and SQL, with experience in API integration, backend development, and automation testing. Currently interning at NPCI, with prior experience at MHTECHIN, and developed self-driven full-stack projects focused on scalable, user-centric solutions.

Education

B.Tech in Electronics and computer Engineering– Pillai College of Engineering , New Panvel	2020–2024
H.S.C. (XII) - KLE Science and Commerce College - Junior, Navi Mumbai	2020–2024
S.S.C. (X)-St.Joseph High School,New Panvel	2018

Experience

Software Engineer Intern – NPCI, Mumbai Dec 2024–Present

- Developed a front-end **registration page** with integrated password validation on both front-end and backend, improving user authentication reliability by **30%**.
- Built a **Spring Boot API** for password strength validation, ensuring compliance with organizational security policies.
- Wrote **JUnit test** cases for InfraAutomation (**70%+** coverage) and TDS (**80%+** coverage), strengthening backend code reliability.
- Performed **API automation testing** for the BMS (Benefit Management System) application, reducing manual testing efforts by **40%**.

Software Engineering Intern – MHTECHIN | Pune Dec 2023–May 2024

- Developed and deployed the **MHTECHIN app** on the Google Play Store, enhancing company visibility.
- Implemented CI/CD workflows with GitHub Actions, streamlining app deployment and improving efficiency by **30%**.
- Led a team of interns, managed project documentation, and ensured successful project delivery.

Projects

Smart Travel Planner - Tales of India - [GitHub](#)

- Developed a Smart Travel Planner application to generate **optimized travel itineraries** based on user input and preferences.
- Developed a responsive front-end UI for a seamless user experience using **React, JavaScript, HTML, CSS**.
- Integrated **OpenAI API** with a ChatGPT-based bot for personalized travel recommendations.
- Implemented login/registration with **PHP** and **SQL** backend connectivity.
- Presented at Avishkar competition; received top 10% feedback for innovation and design.

Jarvis – Voice Controlled Virtual Assistant [GitHub](#)

- Created a Python-based voice assistant using **speech_recognition**, **gTTS**, and **pyttsx3**.
- Enabled voice playback and browser automation (Google, YouTube, Facebook).
- Integrated **OpenAI GPT-3.5 Turbo** for dynamic conversational responses.
- Added custom music library support for voice-based control.

Sales Analytics Dashboard – Blinkit (Power BI) - [GitHub](#)

- Built a Power BI dashboard to analyze **\$1.2M+** in sales data for **Blinkit**, improving data visibility across multiple location tiers.
- Added interactive filters by **outlet size**, item type, and **location**, driving insight-based decisions by **30%**.
- Visualized **10+ years** of trends, identifying top-performing categories to support strategic planning.

CT PHARMA – Online Pharmacy Website - [GitHub](#)

- Developed a full-stack pharmacy website using **HTML**, **CSS**, **JavaScript**, **PHP**, and **MySQL**.
- Improved team workflow by 60% through efficient database-driven design.
- Enhanced user experience with a clean UI, resulting in a **40%** faster navigation flow.

Technical Skills

- **Programming Languages:** Python, JavaScript, Java,SQL,
- **Tools & Technologies:** Spring boot, React, PowerBI , Docker, Git, GitHub, GitLab, AWS (basic), Jira, Agile, Unit Testing (JUnit)
- **AI Tools & Productivity:** Proficient in using AI tools and services (ChatGPT, GitHub Copilot, OpenAI APIs) to accelerate development workflows while ensuring originality and efficiency.

Achievements

- [Learn SQL Course - Code academy](#)
- [Analyze Data with SQL- Code academy](#)
- [Data Visualization with Power BI - Great Learning](#)
- [Javascript Certificate- Udemy](#)

Societies

IEEE-PCE

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| • Treasurer | 2023–2024 |
| • Technical Team Member | 2022–2023 |

Additional Information

- [LinkedIn Profile: Saurabh Pravin Jadhav](#)
- [GitHub : SaurabhJadhav09](#)