

# Rahul Vijay Patil

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🌐 Portfolio: [rahul-patil.vercel.app](https://rahul-patil.vercel.app) | [linkedin.com/in/rahul-patil-096k](https://linkedin.com/in/rahul-patil-096k)

🔗 [github.com/RahulPatil-96](https://github.com/RahulPatil-96) | [leetcode.com/u/rahulpatil096k](https://leetcode.com/u/rahulpatil096k)

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## EDUCATION

### B. Tech - Computer Science and Business Systems

JSPM's Rajarshi Shahu College of Engineering, Tathawade | CGPA: **8.49** | Expected: 2026

**HSC (MSBSHSE)** | M. M College, Pachora | Percentage: **81.33%** | Year: 2022

**SSC (CBSE)** | Nirmal International School, Pachora | Percentage: **79.80%** | Year: 2020

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## TECHNICAL SKILLS

- **Languages:** C, C++, Java, JavaScript, HTML, CSS, TypeScript
- **Frameworks:** React.js, Node.js, Electron.js, Tailwind CSS
- **Databases:** MongoDB, PostgreSQL, SQL, SQLite, Supabase
- **Tools:** Git, GitHub, Visual Studio Code, Postman, Figma
- **Concepts:** Data Structures & Algorithms, OOPs, Cloud (Docker, AWS), REST APIs, WebSockets

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## PROJECTS

### Complaint & Document Tracking Systems | [\[GitHub\]](#)

Oct 2024 – Jan 2025

(Pimpri Chinchwad Police Commissionerate)

- **Tools:** Electron.js, JavaScript, HTML, CSS, SQLite
- Developed Electron.js apps used by 10+ officers to manage 2,500+ complaints and 1,000+ documents, which reduced paperwork by 50% and retrieval time by 40%.
- [Recognized by the Commissioner of Police](#) for enhancing internal tracking processes.

### Smart Traffic Signal System | [\[GitHub\]](#)

Jan 2025 – Mar 2025

- **Tools:** YOLOv8, OpenCV, Streamlit, Pandas, Plotly
- Achieved 85%+ vehicle detection accuracy, reducing wait times by 30%.
- Built a Streamlit dashboard for real-time monitoring of 4+ intersections.

### Asset Management System | [\[GitHub\]](#)

Jul 2025 – Aug 2025

- **Tools:** React, Tailwind CSS, Node.js, Typescript, Supabase
- Built a full-stack app to manage and track assets using React, Express, and Supabase.
- Implemented CRUD features, role-based access, and real-time updates.

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## CERTIFICATIONS

- Google: [Generative AI Virtual Internship](#)
- IIT Bombay: [CPP Training](#)
- Great Learning: [Front-end Development - HTML](#)
- MongoDB: [Introduction to MongoDB](#)
- IBM: [Introduction to AI](#)

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## EXTRACURRICULAR ACTIVITIES

- **Technical Lead**, Professional Development Cell (PDC), JSPM's RSCOE, Tathawade.
- **Lead Cyber Commando** initiative under the **PCMC Cyber Cell** to combat fake news dissemination.
- Organized and Coordinated college-level technical and non-technical events and competitions.