

VIPIN SONI

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Profile Summary

Aspiring Software Engineer with strong foundations in C++ and Java, proficient in full-stack development. Skilled in problem-solving and building scalable applications, eager to learn and contribute to real-world projects.

Experience

Infosys Springboard Virtual Internship | Sep 2025 – Present

- Selected for the Infosys Springboard program to gain practical exposure to software development, full-stack development, and cloud technologies.
- Eager to learn industry-aligned practices and contribute to real-world projects under mentorship.

Education

B. Tech – Computer Science Engineering (Data Science), Maharana Pratap Engineering College, Kanpur, UP | AKTU
Sep 2022 – Present | CGPA: **8.5/10**

Intermediate (UP Board) – Mohan Vidhya Mandir Inter College, Kanpur | 2021

High School (UP Board) – Mohan Vidhya Mandir Inter College, Kanpur | 2019

Technical Skills

- **Programming Languages:** C++, JavaScript, Solidity, Python
- **Core Concepts:** OOPs, Data Structures & Algorithms, Coding Best Practices
- **Web Development:** React.js, Node.js, Express.js, REST APIs, HTML, CSS, Tailwind CSS
- **Databases:** MySQL, MongoDB
- **Tools & Practices:** Git, GitHub, Postman API, JIRA, Docker, Linux CLI, OpenCV

Projects

1. RxShield – Prescription & Medical Record Verification System

Tech: Node.js, Express.js, MongoDB, React.js, Blockchain, JWT, OAuth, Email.js, Cloud Storage, REST APIs

- Built a **secure platform** for issuing and verifying medical prescriptions, ensuring **authenticity and preventing** prescription tampering or misuse.
- Implemented **JWT & OAuth authentication** for secure role-based access (doctors, patients, pharmacists).
- Designed **cloud-based storage** for encrypted prescriptions with blockchain-backed verification.
- Developed **REST APIs** to manage prescription lifecycle and enable interoperability with external systems.
- GitHub: github.com/sonivipin119/RxShield (under development)

2. HomieeBook – Home Reservation System

Tech: HTML, Node.js, Express.js, MongoDB, Clouinary, OAuth, Email.js

- Developed a platform for home reservations with secure authentication (**OAuth**) and booking management.
- Implemented **search & filter** functionality for property listings and integrated secure payment options.
- Integrated **Clouinary** for host-driven image uploads and built an availability calendar to prevent double bookings.
- Added automated email notifications using Email.js for booking confirmations and updates.
- **Deployed on Vercel** with production-ready configuration.
- GitHub: github.com/sonivipin119/HomieeBook | Live: homiee-book-9a2u.vercel.app/

Certificates

- Java – Online Vocational Training (IIT Kanpur / UPRVUNL, 2024)
- AWS – Infosys Springboard (2024)
- Career Essentials in Data Analysis – Microsoft & LinkedIn (2024)
- Python Crash Course – Google/Coursera (2023)
- Internal Smart Hackathon 2023 – MPGI

Achievements

- Winner – Hackathon organized by MPGI (2023).
- Solved 400+ DSA problems, strengthening logical thinking and problem-solving skills.
- Open-Source Contributor – GSSOC 2024.