VIPIN SONI

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Profile Summary

Aspiring Software Engineer with strong foundations in Java and C++ combined with hands-on experience in full stack development and software testing. Skilled in problem-solving, logical thinking, and collaborating with team leads to deliver high-quality solutions. Knowledgeable in the Software Development Life Cycle (SDLC), coding best practices, and quick to adapt to new tools and technologies. Dedicated to writing clean, maintainable code and contributing effectively in a team environment.

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**: Java, C++, JavaScript, Solidity
• **Core Concepts**: OOPs, Data Structures & Algorithms, SDLC, Agile, 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
• **Others**: AWS (basics), OpenCV

Projects

1. **Prescription & Medical Record Verification System**
   • **Tech**: React.js, Node.js, MongoDB, Solidity, IPFS.
   • Developed a secure platform for issuing and verifying prescriptions.
   • Collaborated with team members to define requirements, design architecture, and implement features.
   • Integrated Java modules for backend utilities and validation logic alongside Node.js services.
   • Applied SDLC principles with testing strategies for data security and access control.
2. **Form Submission Tracker & Status Checker**
   • **Tech**: React.js, Node.js, MongoDB, Solidity, Web3.js.
   • Built a system to log and track online form submissions (applications, registrations, service requests).
   • Worked closely with leads to gather requirements and implement status notifications & dashboards.
   • Designed test cases for submission validation and blockchain verification.

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

• Designed and executed 200+ test cases for functional and security validation in live projects.
• Winner – Hackathon organized by MPGI (2023).
• Solved 400+ DSA problems, strengthening logical thinking and problem-solving skills.
• Open-Source Contributor – DevScript Winter of Code 2024.
• Ranked in top 5% of class with CGPA 8.5/10.