

Vishal Prasad Sharma

Software Developer / Full Stack Developer

Bengaluru, India

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Summary

Dynamic Software Development Engineer (SDE) and Full Stack Developer with a strong foundation in Java, Python, SQL, ReactJS, Spring Boot, Flask, and TensorFlow. Proven expertise in building scalable web and enterprise applications while optimizing performance and delivering clean, maintainable code. Skilled in system design and cloud technologies, including AWS, Docker, and Kubernetes. Thrives in agile environments to produce high-quality software solutions.

Experience

Rooman Technologies | AI DevOps Engineer **Sept 2024 – Feb 2025, Bangalore**

- Reduced deployment time by 40% and minimized errors using Jenkins and Docker CI/CD pipelines.
- Cut system downtime by 30% through AI-driven anomaly detection and real-time monitoring.
- Increased scalability by 50% using Kubernetes and Terraform, improving overall software delivery efficiency.

Varcons PVT LTD | Full Stack Developer Intern **May 2023 – July 2023, Bangalore**

- Analyzed user feedback to implement **data-driven** changes, reducing support tickets by 30%.
- Enhanced performance by **25%** through code and asset optimization.
- Boosted stability via SIT/UAT testing, resolving **15+ critical bugs**.

Education

ACS College of Engineering, Bangalore **2021 – 25**
Major: Computer Science Engineering (CGPA: 7.99)

IGJ Higher Secondary School, Pasighat – Class 12th (CBSE, 78%) **2021**

Siang Model Higher Secondary School, Pasighat – Class 10th (CBSE, 84%) **2019**

Technical Skills

- Languages:** C, Java, Python, JavaScript, SQL, HTML/CSS.
- Frameworks & Libraries:** ReactJS, Node.js, Flask, Django, Bootstrap.
- Cloud & DevOps:** Docker, Kubernetes, AWS, CI/CD Pipeline Automation.
- Data Science/ML:** Pandas, NumPy, Scikit-learn, NLP.
- Tools & Platforms:** Git, JIRA, Agile/Scrum, ServiceNow.
- Core CS:** Data Structures & Algorithms, OOP, DBMS, OS, Unit Testing.

Soft Skills

- **Problem-Solving:** Strong analytical mindset for identifying and resolving complex technical issues efficiently.
- **Teamwork:** Proven ability to collaborate effectively in Agile team environments to deliver quality outcomes.
- **Leadership:** Demonstrated initiative in guiding peers during project development and integration phases.
- **Communication:** Skilled in articulating ideas clearly across cross-functional teams and technical discussions.

Projects

Automated Customer Data Integration System | Java, JDBC [GitHub](#)

Developed an automated ETL pipeline to streamline data validation, cleaning, and integration across multiple sources using JDBC. Reduced manual intervention by 50% through intelligent error handling and consistency checks, ensuring 95% data accuracy.

Movie Recommendation System | Python, Flask, Pandas, Scikit-learn [GitHub](#)

Created a content-based movie recommender using NLP techniques and Flask, delivering personalized results with <1s latency. Improved suggestion relevance by 40%, lessened search errors by 75%, and enhanced UX with metadata-rich display.

Blockchain Certificate Generator | Python, SHA-256, QRCode, JSON, File I/O [GitHub](#)

Built a secure certificate generator using SHA-256 and Flask APIs, ensuring 100% data integrity and real time QR verification. Scaled to handle 200+ certificates/hour while detecting all tampering attempts through cryptographic validation.

Online Job Portal | Java, Spring Boot, MySQL, APIs, MongoDB

Built a secure full-stack **software application** with authentication and authorization using Spring Boot. Implemented RESTful APIs and backend integration for job listings and user management. Optimized backend queries, improving performance and reducing API response time by 25%.

Achievements & Certifications

- **Certified AI - DevOps Engineer** – *Rooman Technologies (2025)*. [link](#)
- **Full Stack Development Internship** -*Varcons Pvt Ltd. (2023)*. [link](#)
- **Certified in CI/CD Pipeline Automation** – *IBM (2024)*. [link](#)
- **Java: Mastering the Fundamentals** – *Scaler Topics (2023)* . [link](#)
- **Python and Django Framework** – *Udemy (2025)*. [link](#)