

# Vishal Prasad Sharma

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## Professional Summary

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Full-Stack Developer with expertise in Python, Java, and modern web technologies. Passionate about building efficient, scalable solutions that enhance performance and user experience. Proven ability to optimize systems (25%+ gains) and automate workflows (50% faster processing). Strong problem-solver with experience in Agile development and collaborative engineering environments.

## Education

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- **ACS College of Engineering, Bangalore** 2021-2025  
*Bachelor of Engineering – Computer Science*
- **Siang Model Higher Secondary School, Pasighat** 2019  
*Class 10<sup>th</sup> (CBSE): 84%*
- **IGJ Higher Secondary School, Pasighat** 2021  
*Class 12<sup>th</sup> (CBSE): 78%*

## Experience

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### Web Development Intern | VARCONS TECHNOLOGIES PVT LTD May-Jul 2023, Bangalore

As a Web Development Intern, I contributed to designing, building and optimizing responsive websites that improved user experience and performance. My work involved front-end development, cross-browser testing, and implementing technical enhancements based on user feedback to deliver stable, high-performing web applications.

- Developed responsive sites using HTML/CSS/JS with 100% cross-device compatibility
- Boosted stability via SIT/UAT testing, resolving 15+ critical bugs
- Improved UX through feedback-driven changes, reducing support tickets by 30%
- Enhanced performance by 25% through code and asset optimization.

### AI - DevOps Engineer Trainee | ROOMAN Technologies Sep 2024- Feb 2025, Bangalore

- Completed a hands-on internship program focused on the integration of Artificial Intelligence and DevOps practices.
- Gained expertise in automating development pipelines, continuous integration, and continuous deployment (CI/CD).
- Applied AI techniques in DevOps scenarios to optimize performance monitoring and anomaly detection.
- Utilized tools such as Docker, Jenkins, Git, and Kubernetes for containerization, orchestration, and version control.

## Skills Summary

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**Languages:** C, C#, R, Java, SQL, Python, JavaScript

**Web Technologies:** React, Node, Flask, HTML/CSS, Bootstrap, REST APIs

**Data Science:** Pandas, NumPy, Scikit-learn, NLP.

**Tools:** Git, JIRA, ServiceNow, Agile/Scrum

**Concepts:** Data Structures and Algorithms (DSA), Operating Systems (OS), Database Management Systems (DBMS), Object Oriented Programming (OOP), Unit Testing.

**Soft Skills:** Leadership, Communication, Problem Solving, Team Collaboration.

**DevOps:** CI/CD basics, Docker familiarity, Kubernetes.

## Academic Projects

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### One Piece Restaurant Website | HTML, CSS, JavaScript, Bootstrap [link](#)

2022

Developed a mobile-first website with Bootstrap, achieving full device compatibility and increasing mobile engagement by 35%. Enhanced UX with animations and smooth scroll, boosting session duration by 20%. Improved SEO through semantic HTML5 and redesigned UI to reduce bounce rate by 25%.

### Ethions Ethical Fashion E-Commerce Website | HTML, CSS, JavaScript, Flexbox/Grid [link](#)

2023

Built a fully responsive e-commerce site using Grid and Flexbox, improving mobile engagement by 40%. Added dynamic cart functionality via localStorage and enhanced UX with animations, increasing retention and reducing bounce rate.

### Automated Customer Data Integration System | Java, JDBC

2024

Automated processing of 500+ daily customer records using Core Java and JDBC, increasing data accuracy to 95% and reducing manual effort by 50%. Implemented validation checks and real-time error reports to eliminate recurring data issues.

### Movie Recommendation System | Python, Flask, Pandas, Scikit-learn, HTML/CSS, CSV [link](#)

2024

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

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

2025

Created 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.

## Achievements & Certifications

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- Solved more than 200+ DSA problems on platforms including Hackerrank & Leetcode.
- Varcons Internship Certificate (May 2023 – Jul 2023). [link](#)
- JAVA: Mastering the Fundamentals (Scaler Topics). [link](#)
- Introduction to ITIL® V4(Simplilearn). [link](#)
- Certified in CI/CD Pipeline Automation (IBM). [link](#)
- Certified AI - DevOps Engineer (Rooman Technologies). [link](#)