

# Vivek Shahi

Gorakhpur, Uttar Pradesh, India

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## EDUCATION

### Vellore Institute of Technology

Bachelor of Technology in Computer Science, Minor in Cloud Computing and Automation

CGPA: 9.10

Bhopal, Madhya Pradesh

Oct. 2022 – May 2026

## EXPERIENCE

### Tata Steel Ltd.

Vocational Training – ASP.NET Developer

Jamshedpur, Jharkhand

**Certificate**

- Designed and optimized ASP.NET MVC web applications to streamline internal workflows and enhance usability.
- Developed SQL database structures to improve data retrieval efficiency and application responsiveness.
- Collaborated with teams to analyze requirements, troubleshoot issues, and implement scalable web solutions.
- Improved application efficiency by reducing load times by **30%** through code optimization and database indexing.

## PROJECTS

### ChatifyXOps | PHP, MySQL, AJAX, Docker, GitHub Actions, Kubernetes, ArgoCD | **GitHub**

- Engineered a real-time chat platform enabling seamless 1:1 messaging for highly interactive user communication.
- Enhanced UX by integrating auto-scrolling, read receipts, and status indicators for responsive chat dynamics.
- Containerized PHP-MySQL stack and architected Kubernetes configs for efficient multi-container orchestration.
- Automated CI/CD pipelines with GitHub Actions, ArgoCD, and Helm, boosting deployment speed and reliability.
- Empowered legacy PHP apps to embrace DevOps, achieving scalable and future-ready technology ecosystems.

### Email Archiving OAuth System | NestJS, Gmail API, OAuth2, PostgreSQL, Google Drive | **GitHub**

- Implemented secure OAuth2 integration with Gmail API to streamline user authentication and email access.
- Automated email retrieval and archiving workflows, including attachment handling via Google Drive integration.
- Designed and optimized PostgreSQL database schema with TypeORM for scalable email metadata storage.
- Scheduled seamless periodic email synchronization using cron jobs, ensuring continuous data freshness.
- Enabled secure, automated email management boosting privacy compliance and cloud adoption.

### Treva Trends | Next.js, Redux Toolkit, Stripe, MongoDB | **GitHub**

- Built category and product CRUD operations to streamline management and improve admin efficiency.
- Enhanced administrative efficiency with refined order statuses, refund processing, and user management tools.
- Orchestrated Redux Toolkit for a responsive cart experience, improving checkout flow and reducing user drop-offs.
- Leveraged Stripe for secure transactions and JWT-based authentication, enhancing login security.
- Revitalized product pages with reviews, ratings, and enriched product information displays.

## SKILLS

**Programming Languages:** Java, SQL, HTML, CSS

**Technologies:** Docker, Kubernetes, AWS, GCP, Prometheus, Grafana, RESTful APIs, ArgoCD

**Tools:** Git, GitHub, POSTMAN, XAMPP, Visual Studio Code, Oracle VM VirtualBox, IntelliJ

## CERTIFICATE

**HackerRank:** Java

**IBM:** DevOps Fundamentals, Agile Methodologies

**GitHub:** GitHub Foundations

**AWS Academy:** Cloud Foundations, Cloud Architecting

## ACHIEVEMENTS

- Ranked Top 35 out of 3,900+ in Nokia Accelerate Her in Tech Hackathon 2025's penultimate round.
- Solved nearly 500 problems in Data Structures and Algorithms across multiple platforms.

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