Vivek Shahi

Gorakhpur, Uttar Pradesh, India

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EDUCATION

Vellore Institute of Technology   Bhopal, Madhya Pradesh
Bachelor of Technology in Computer Science, Minor in Cloud Computing and Automation   *Oct. 2022 – May 2026*
CGPA: 9.19

St. Xavier's School   Azamgarh, Uttar Pradesh
12th, Mathematics   *April 2020 – Aug 2021*
Percentage: 80.8

St. Xavier's High School   Azamgarh, Uttar Pradesh
10th   *April 2018 – July 2019*
Percentage: 92.6

EXPERIENCE

Internship   October 2024 - December 2024
Tata Steel   *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

KubeDeployX. | *Docker, Kubernetes, Ubuntu, Terraform* | LINK   October 2024 - March 2025
- Automated deployment with GitHub Actions, cutting deployment time by **40%** and improving releases.
- Dockerized Next.js and Node.js apps for **100%** consistency across environments.
- Deployed microservices to AWS EKS, ensuring high availability with auto-scaling and minimal downtime
- Automated AWS provisioning with Terraform, streamlining setup and ensuring consistent infrastructure.
- Integrated Prometheus and Grafana, improving issue detection and resolution efficiency.

Treva Trends | *Next.js, Redux Toolkit, Stripe, MongoDB* | LINK   June 2024 – September 2024
- Developed robust category and product CRUD operations,reducing product management time by **30%**.
- Enhanced administrative efficiency with refined order statuses, refund processing, and user management tools.
- Orchestrated Redux Toolkit for a responsive cart, boosting conversions by **25%** and cutting churn by **15%**.
- Leveraged Stripe for secure transactions and JWT-based authentication, enhancing login security.
- Revitalized product pages with reviews, ratings, and enriched product information displays.

Chatify | *PHP, MySQL, JavaScript, jQuery, AJAX* | LINK   September 2024 – October 2024
- Built an interactive chat platform using PHP and JavaScript for instant, real-time communication.
- Strengthened security with streamlined login and registration for an effortless user experience.
- Enabled smooth messaging with auto-scrolling, improving user engagement by **25%.**
- Integrated real-time read receipts and status indicators, boosting active users by **40%**
- Introduced a responsive notification system, leading to a **30%** increase in message response rates.

e-Skills | *PHP ,MySQL ,HTML/CSS ,JavaScript ,Bootstrap, Stripe* | LINK   July 2024 – September 2024
- Developed an LMS tailored for educational institutions, using PHP and MySQL.
- Reinforced secure access with robust authentication for students and instructors.
- Crafted dynamic course management, allowing creation, editing, and enrollment functionality.
- Deployed an intuitive content delivery system, improving student interaction with course materials by **35%.**
- Integrated Stripe to enable seamless payments, enhancing user trust and operational efficiency.

TECHNICAL SKILLS

Languages: Java, SQL, HTML/CSS
Frameworks: React.js, Next.js, Express.js, Spring Boot
Developer Tools: Git, POSTMAN, XAMPP, Visual Studio Code, Oracle VM VirtualBox, IntelliJ, Eclipse
Libraries: Mongoose, Socket.io, JSON Web Tokens, React Route
Cloud & **DevOps**: AWS, Docker, Kubernetes, Terraform, Prometheus, Grafana