

HARSH SRIVASTAVA

Full Stack Developer | Backend Developer | Fresher

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

SUMMARY

Full-Stack Developer specializing in building and deploying scalable and robust web applications. Expertise in frontend development using HTML, CSS, JavaScript, and React.js, complemented by robust backend development using Node.js, Express.js, and MySQL. Proficient in the entire software development lifecycle, including version control (Git), database management, and automated deployment via CI/CD pipelines on cloud platforms like Railway.

SKILLS

Languages: Java, C++, Python, JavaScript, HTML5, CSS3, SQL, PHP.

Frameworks & Libraries: React.js, Node.js, Express.js, bcrypt.

Tools & Platforms: Git, GitHub, VS Code, Netlify, Railway, MySQL Workbench.

Databases: MySQL, MongoDB.

Other: REST APIs, Responsive Web Design, Version Control (Git), CI/CD, Agile Basics.

PROJECTS

Internship and Industrial Visit Management System [\[View Project\]](#)

Full-Stack Internship Portal Project (Admin email: admin@portal.com, pass: admin123)

Technologies Used: HTML, CSS, JavaScript, Node.js, Express.js, MySQL, Railway, GitHub

- Developed a full-stack web application using HTML/CSS/JS, Node.js, and MySQL to serve as a comprehensive internship portal for students and administrators.
- Designed a responsive student-facing interface for user registration (bcrypt), secure login, internship browsing, and submitting applications directly to the platform's database.
- Engineered a secure admin dashboard with exclusive permissions to perform full CRUD operations on internship postings, view all registered students, and monitor every application submitted.
- Structured the core backend using Node.js and Express.js, architecting a modular RESTful API with dedicated endpoints, server-side data validation, and efficient MySQL connection pooling for robust performance.
- Deployed the application on Railway using a CI/CD pipeline from GitHub, enabling automated, seamless updates upon code commits.

Mouse Control by Hand Gesture [\[View Project\]](#)

Computer Vision and Human-Computer Interaction Project

Technologies: Python, OpenCV, MediaPipe, TensorFlow/Keras, PyAutoGUI

- Built a real-time hand gesture-based mouse control system using Python, OpenCV, and MediaPipe for gesture detection and tracking.
- Integrated gesture classification using machine learning models (CNN/SVM) and mapped them to mouse actions via PyAutoGUI (move, click, drag, scroll).
- Achieved 90% accuracy with low latency, ensuring smooth and responsive system performance.
- Collected and labeled a custom gesture dataset to train and validate the model under varied lighting and user conditions.

EDUCATION

Master of Computer Applications (MCA), Galgotias University | 2023-2025

- CGPA: 7.9/10.0 | Specialization: Web Development & Security

Bachelor of Computer Applications (BCA), MPGI College | 2019-2022

- Aggregate Percentage: 72%

INTERNSHIP

Web Development Internship [\[View Certificate\]](#)

01/08/2024 - 31/08/2024

Prodigy Infotech (Virtual)

- Completed a 1-month certified internship in Web Development at Prodigy InfoTech (August 2024).
- Deployed responsive web pages using HTML, CSS, and JavaScript.
- Worked on JavaScript DOM manipulation to create interactive elements and dynamic behavior.
- Applied front-end validation techniques to ensure form input accuracy and user-friendly feedback.