

VASU GOSWAMI

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SUMMARY

Frontend Developer with experience in building scalable **web applications** using React, TypeScript, Node.js, and Tailwind CSS. Strong problem-solving foundation with Java, DSA, and database systems. Passionate about creating clean, responsive UI and efficient backend integrations.

INTERNSHIP

Amoha Codes

Sep 2025 – Dec 2025

Frontend Developer Intern

Remote

- Engineered and maintained a scalable **educational web platform** using React.js, TypeScript, Tailwind CSS, and Node.js, enhancing application performance and code maintainability.
- Architected **dynamic routing architecture** for a multi-module tutorial system, improving user navigation efficiency and reducing page load time by **30%**.
- Configured **Git, GitHub, and Vercel CI/CD pipelines** to automate deployment and improve release efficiency, reducing deployment time by **40%**.
- Built **responsive** and **reusable UI** components to ensure cross-browser and mobile compatibility, increasing UI consistency and **responsiveness** across the application.

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, React.js, Bootstrap, Tailwind CSS

Backend: Node.js, Express.js, REST APIs

Database: MySQL, MongoDB

Programming: Java, C, OOP, Collections, Exception Handling

Tools: Git, GitHub, Vercel, Terminal, VS Code, Eclipse

CS Fundamentals: Operating System, DBMS, Data Structures & Algorithms

PROJECTS

Amoha Learning Platform | React.js, TypeScript, Tailwind CSS, Node.js, Vercel

Sep 2025

- Optimized a scalable platform with **50+** modules, enhancing accessibility and structured content delivery.
- Implemented **sidebar** navigation, and **theme switching**, boosting user engagement by **35%** and improving UI flow.
- Fixed routing and directory issues, improving deployment reliability by 40% and reducing CI/CD debugging time.
- Delivered learner engagement by organizing **subject-wise** structured content and **improving** interaction time by **30%**.

Fitness Web App | HTML, CSS, React.js, Node.js, Express.js, IDE - VS Code

Mar 2025

- Developed a fully responsive **gym website** using React.js and Node.js, improving mobile accessibility and user engagement by **40%**.
- Implemented a **BMI calculator** enabling **100%** accurate real-time body index results based on user inputs.
- Built a **contact form** that captured essential user details, increasing query submissions by **30%**.
- Automated **email delivery** system using Express.js + Nodemailer, reducing manual support workload by **70%**.

ATM Simulator System | Java Swing, AWT, MySQL, IDE - Eclipse

Feb 2024

- Created a desktop-based ATM simulator capable of handling **100+ daily transactions**.
- Integrated features like **balance inquiry**, **withdrawal**, and **deposit** for 50+ concurrent users.
- Enabled additional functionality including **mini statements**, **fast cash**, and **PIN verification** with 99% accuracy.
- Enhanced system responsiveness by achieving **60%** transaction execution, boosting user experience.

EXTRACURRICULAR

Udemy

Role - Learn PHP and MySQL for Web Application and Web Development

- Completed a 3.5-hour course on **PHP and MySQL**, gaining hands-on experience in **server-side scripting**, **database management**, and building **responsive web applications**.

EDUCATION

Krishna Engineering College

Aug 2020 – Jul 2024

B.Tech - Computer Science and Engineering - CGPA - 7.3/10

Ghaziabad, U.P