Vaibhav Sharma

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EDUCATION

Rungta College Of Engineering And Technology   May 2021 – June 2025
Bachelor of Technology (BTech) in Computer Science and Engineering (7.8 CGPA)   *Bhilai, Chhattisgarh*

SKILLS

Languages: C++, Python, JavaScript, TypeScript, HTML, CSS

Frameworks/Libraries: React.js, Express.js, Node.js, Tailwind CSS, Bootstrap

Tools & Concepts: AWS (S3), Docker, Git, CI/CD, DBMS (SQL/NoSQL), **Full-Stack Development**, RESTful APIs, Data Structures, Algorithms, Operating Systems (Linux/Unix), Cloud Computing, Problem Solving, Communication Skills

EXPERIENCE

Andes   Sep 2024 – Present
Backend Developer Intern   *Remote*
- Designed and developed **scalable APIs** for Andes products, enhancing backend performance and reliability.
- Built a **notification system** enabling admins to manually add alerts, improving platform communication.
- Conducted **k6 load testing** to optimize system performance and ensure robust load handling.

Devtown   Nov 2022 – Feb 2023
Full-stack Web Developer   *Remote*
- Developed and maintained **web applications** using React and Node.js, focusing on frontend-backend integration.
- Enhanced code quality and maintainability through **code reviews** and fixing bugs in application.
- Leaning and implementing the **Rate-limiting** techniques using Node and express.js.

PROJECTS

Imaginify: AI SaaS Application | *Next.js, Shadcn, Stripe, MongoDB, TypeScript* | GitHub, Live Demo
- Developed advanced image processing features using Cloudinary AI, improving user experience by 40% with **responsive UI** built using Tailwind CSS and Shadcn.
- Integrated **secure payment** system with Stripe, driving a 45% increase in revenue.
- Implemented **RESTful APIs** to manage user interactions and data processing, optimizing backend communication and improving system performance.
- Developed **user authentication** and listings management, boosting sign-ups by 40% with a secure and efficient backend.
- Improved application performance by reducing page load times, leveraging **server-side rendering (SSR)** and **code-splitting** for efficient content delivery..

Multi-Vendor Home-Rental Solution | *React, Node.js, Express.js, MongoDB* | Live Demo, GitHub
- Developed **user authentication** and listings management, boosting sign-ups by 40% with a secure and efficient backend.
- Integrated advanced search and filtering by keywords or categories with efficient **search algorithms**.
- Implemented **REST APIs** and dynamic booking system, enhancing platform usability and performance.

Real-Time Drawing Tool | *Next.js, WebSocket, Tailwind CSS, Express.js* | Live Demo, GitHub
- Built a collaborative **real-time drawing application** using WebSockets and express.js increasing engagement by 35%.
- Enhanced user interface with **Tailwind CSS**, ensuring smooth and responsive design for optimal user experience and to see the **collaborative changes** open the link in two tabs

ACHIEVEMENTS

Achieved top ranks in **coding competitions** showcasing problem-solving and software development skills.

All India Rank (AIR) 455 in Physics Wallah (PW) Coding Competition.

Ranked 3,894 in LeetCode Biweekly Contest 131. **(Link)**

Finalist in the IdeaFista National-Level Hackathon.