Vaibhav Kumar K R

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Education

Sri Jayachamarajendra College of Engineering   2022-2026
B.E in Computer Science & Engineering (CGPA: 9.20)
XII (State Board)   2020-2022
BGS Pre-University College (96.67%)

X (ICSE)   2020
Mountain Home School & Junior College,Nilgiris,TamilNadu (84.27%)

Projects

MoveIT (Web Portal for Logistics Agency) | *MongoDB, Express.js, React.js, Node.js, Shadcn UI*   Website
- A MERN-based logistics and transport web application with role-based interfaces for vendors, warehouses, and admins.
- Implemented order tracking, allowing vendors to place orders, ship them to the nearest warehouse, and monitor deliveries via an admin dashboard.

Campus Admin (ERP Software) | *MongoDB, Express.js, React.js, Node.js, Tailwind CSS,Framer Motion*   Website
- Streamlined academic workflows by building a scalable ERP system that allows multi-institute on-boarding with separate responsive interfaces for admins,teachers and students.
- Integrated secure password reset functionality via email-based notifications for improving user engagement and optimized front end rendering resulting in 25% faster load times.

Chat Rooms | *Next.js+Typescript, Tailwind CSS, Socket.IO, Node.js*   Website
- Developed a real-time chat application with instant messaging using Socket.IO,implementing room-based logic to allow users to seamlessly send and receive messages in chat rooms.
- Implemented automatic room deletion functionality when no users are present and optimized server resources for improving app performance.

Positions of responsibility

Developer Student Clubs   September 2024 – Present
Web Development Lead   *Mysore, Karnataka*
- Led a team of 5–6 members to develop and deploy the club website, while also organizing and conducting multiple bootcamps on diverse tech domains, fostering collaboration and upskilling among peers.

Technical Skills

Languages: Java, C/C++, Python, Javascript, Typescript.
Frameworks: ReactJS, NextJS, Tailwind CSS, Bootstrap, Turborepo, Scikit-learn, Streamlit.
Databases: MongoDB, PostgreSQL,MySQL.
Others: Cloudflare, Docker, AWS EC2, Numpy, Pandas, Prisma ORM, Git & GitHub.
Soft Skills : Strong Stakeholder Management, People Management & Excellent Communication.

Achievements/Activities

- Semi-finalist in HackFest Hackathon, ranked among the top 15 teams based on overall performance.
- Secured **6**[th] place in **VVCE Infothon 3.0**, a national-level hackathon.
- Participated in **Flipkart Grid 6.0**, leading the team in data structures, algorithms, problem solving, and aptitude rounds.
- Won **1**[st] place multiple times in the college coding contest.
- Solved **600+ problems** on coding platforms like LeetCode, GeeksforGeeks, and HackerRank.
- Team Leader of a 4-member group for a mini project, leading the design and development phases while ensuring effective collaboration and task delegation.

Interests

Contributing to open source, cricket, chess, law, trading & finance.