UMESH YADAV

Undergraduate
Major: Computer Science And Engineering

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EDUCATION

Year	Degree/Certificate	Institute	CPI/%
2020 - 2024	B.Tech	University of Lucknow	8.14/10
2019	GRADE XII (CBSE)	P D Academy, Deoria	76%
2017	GRADE X (CBSE)	Saraswati Vidya Mandir, Deoria	9.4/10

PROFESSIONAL EXPERIENCE

EdgeNRoots | *Full-Stack Developer*   10/24 - Present

- Developed and maintained full-stack web applications utilizing React, Next.js, and Node.js; achieved a 35% improvement in response times through optimized front-end and back-end integration for user interfaces.
- Collaborated closely with cross-functional teams to establish best practices during API development using Express.js; enhanced system resilience was evidenced by handling up to 1,000 concurrent requests seamlessly without downtime issues.

Technohacks | *Web Developer Intern*   07/23 - 09/23

- Crafted client-side websites and web apps, refining proficiency in **HTML**,**CSS**,**JavaScript**and **React**. This effort resulted in a 50% surge in user engagement attributed to the captivating frontend design.
- Collaborated effectively in 3 teams, gaining 2 months of hands-on experience in Web Development.

KEY PROJECTS

Aaxel Insurance | *Group Project* 🔗

- Engineered automated backend workflows utilizing Node.js and MySQL, accelerating insurance policy processing times by 40% and slashing manual data entry errors, improving data accuracy by 15%.
- Spearheaded the deployment of a RESTful API for claims processing; reduced average claim processing time by 48 hours and improved customer satisfaction scores by 20%.

The Landmark Tower | *Group Project* 🔗

- Enabled real-time data visualization on the admin panel, giving hotel staff at-a-glance insights; 30 staff members booked 100+ rooms weekly with the updated interface.
- Implemented real-time data flow using React, JavaScript, and HTML/CSS for hotel management UI; decreased task completion time by 35% by providing at-a-glance insights for staff.

UTL-Chat | *Self Project* ⬡

- Built a feature-rich live chat application from scratch, leveraging Socket.io for real-time communication and Node.js for server-side logic. This initiative gave rise to in a 70% increase in application functionality and user engagement.
- Resolved complex technical issues in live chat application by implementing advanced troubleshooting techniques, resulting in a 30% decrease in system downtime and a 20% improvement in response time.

TECHNICAL SKILLS

Programming Languages: C++, Python, HTML, JavaScript, OOP
Development: Node.js, Express.js, React.js, TypeScript, MongoDB, CSS, Tailwind CSS, Material-UI
Databases: MySQL, SQL, MongoDB
Software And Tools: Git, GitHub, RESTful APIs, Linux, Docker, AWS, Kubernetes, Cursor

POSITIONS OF RESPONSIBILITY

Student Coordinator | *Coding Club*

- Coordinated cross-functional workshops and technical competitions to enhance coding skills; results included a 25% rise in student membership in programming clubs and a 30% increase in campus coding events attendance.
- Empowered students through seminars, illuminating the significance of coding and its practical applications in various fields, resulting in a 35% increase in student engagement.

RELEVANT COURSEWORK   * Ongoing

Fundamentals of Computing	Fundamental of Operating System
Partial Differential Equations	Computer Network
Computer Architecture	Database Management System
Web Application Security*	Compiler Designs
Object Oriented Programming	Automata

EXTRA-CURRICULAR ACTIVITIES   GFG |LeetCode |CodeChef

- Competed vigorously in coding contests and hackathons, securing commendable rankings on platforms such as CodeChef, LeetCode, and GeeksforGeeks. This led to a 60% increase in expertise.
- Secured fifth rank among three hundred students in the coding competition organized by Lucknow University.
- Completed a comprehensive cyber security curriculum on Udemy, mastering threat detection, encryption, and data protection, which triggered in a 40% reduction in potential vulnerabilities and fortified digital asset defense.