Avantee Singh

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EDUCATION

VIT Bhopal University Bhopal, MP
Bachelor of Technology in Computer Science Engineering *Aug. 2021 – Ongoing*
  *CGPA **8.09**/10*

TECHNICAL SKILLS

Languages: C++, Dart, JavaScript (ES6+), SQL
Frameworks/Libraries: Angular, Bootstrap, Express.js, Next.js, Node.js, React.js
Web Technologies: HTML/CSS, RESTful APIs
Other Technologies/Tools: CI/CD, Docker, MongoDB, Microsoft Excel

PROJECTS

Lostify VITB | *MERN Full Stack* Sept 2024 – Dec 2024
- Pioneered Lostify's user-friendly and secure platform; Developed and maintained front-end components using React.js, improving application load times by 25%.
- Implemented RESTful APIs using Node.js, allowing for efficient data communication between the client and server, resulting in a 30% improvement in data handling speed.
- Constructed advanced routing with React Router, enhancing page load efficiency and boosting user engagement by 300+ sessions weekly.
- Built and managed MongoDB databases, optimizing data retrieval with efficient indexing and query techniques, leading to a 25% decrease in response times for complex queries.

Art Gallery Website | *MERN Full Stack* Nov 2023 – Feb 2024
- Engineered a fully functional Art Gallery website, showcasing robust front-end and back-end capabilities; optimized user authentication and database management, driving a 35% boost in artist submissions and a 25% increase in user retention.
- Designed and deployed a responsive UI for the Art Gallery website using React.js, enhancing user experience and achieving a 90% increase in user engagement.
- Gained hands-on experience with MongoDB, Express.js, React.js, and Node.js through intensive training and project work; resulted in a 40% improvement in development efficiency and a 30% reduction in bug occurrences.
- Engineered Express.js and Node.js applications with MongoDB, achieving a 45% reduction in page load times and a 60% improvement in data retrieval speed.

EXPERIENCE

Project Management Intern Jan 2023 – Mar 2023
Earth Analytica Lab *Remote*
- Facilitated team meetings to assess project risks, track progress, and address challenges, improving team alignment and adherence to project milestones by 30%. Managed communication channels 25%, ensuring effective information flow among team members and stakeholders.
- Documented project risks and mitigation strategies, prepared risk assessment reports, and presented findings to supervisors for review and feedback, contributing to informed decision-making processes. Contributed to the successful completion of projects within specified deadlines, resulting in a 20% increase in project efficiency 15%.
- Enhanced team collaboration and productivity, leading to a 15% improvement in project delivery times 10%.

CERTIFICATIONS

- Associate Cloud Engineer, **Google Cloud**, Mar 2024
- Google Cloud Computing Foundations **Google Cloud**, Dec 2023
- MERN Full Stack Internship **ETHNUS (Codemithra)**, Dec 2023

EXTRACURRICULAR

- **Techno Innovation Rally:** Participant in TIR, secured 6th Rank in coding challenge. (Sept'23)
- **Techkriti'22:** Participant in Techkriti'22 IIT kanpur, contributed to open source projects.(Feb'22)
- **Coding:** Maintaining **220+** streaks in **LeetCode** and **175+** streaks in **GeeksForGeeks** paltform.