DIVYANSHU ARYAN

📞 +91 7250007252 ✉ divyanshuaryan020902@gmail.com in linkedin.com/in/divyanshu-aryan ⬤ github.com/divyanshu292

Education

Birla Institute of Technology   **2021 − Present**
B.Tech in Electronics and Communication Engineering   *Mesra, Jharkhand*

D.A.V Public School   **2019 − 2020**
C.B.S.E Class 12th   *Bokaro, Jharkhand*

Experience

TVNL(Tenughat Vidyut Nigam Limited)   **May 2024 − June 2024**
Summer Intern   *Bokaro, Jharkhand*
- Developed a comprehensive gatepass management system, **enhancing security and efficiency** for the organization.
- Utilized HTML, CSS, JavaScript and SQL to create a user-friendly interface and backend functionality.
- Successfully **reduced the manual processing time by 40%** through automation of the issuance process.
- Collaborated with a team of 3 to identify requirements and deliver the project within the stipulated timeline, resulting in improved operational workflow.
- Documented project milestones and technical specifications, facilitating future maintenance and upgrades.

Projects

CoEdit: A Collaborative Document Editing Tool | *JavaScript, React, Websockets, and MongoDB*   **May 2024**
- Developed a collaborative document editing platform with **100% real-time synchronization** using modern web technologies.
- Utilized websocket for real-time keystroke synchronization, ensuring updates for **more than 5** concurrent users.
- Built an intuitive UI and a reliable back-end capable of handling **multiple simultaneous edits** with **less than 50ms latency**.
- GitHub Link

MERN BlogApp | *HTML, CSS, JavaScript, MongoDB, ExpressJS, React and NodeJS*   **July 2024**
- Developed a full-stack blog application using the MERN stack with **role-based authentication** for **100+ users**.
- Implemented JWT for **secure authentication**, managing user sessions to ensure secure access control.
- Designed a user-friendly interface for creating, reading, updating, and deleting blog posts, enabling **efficient management** of **15+ blog entries**.
- GitHub Link

Technical Skills

Languages: C++(Data Structures and Algorithm), Python, MySQL, MongoDB, JavaScript, HTML, CSS
Frameworks: WebSockets, React Native, NodeJS, ExpressJS
Cloud and DevOps: AWS(Amazon Web Services), AWS DevOps, GitHub
CS Fundamentals:Computer Networking, Operating Systems, Database Management System
Others: Hadoop, Kafka, SDLC(Agile, Scrum), VS Code, Postman, Microsoft Office(Excel, Word, PowerPoint)

Courses and Certifications

AWS Fundamentals Specialization by Amazon Web Services   **June 2024**
- Gained expertise in core AWS services like EC2, AWS Lambda, S3, key AWS security measures(IAM) and serverless application development, along with migration strategies.

DevOps on AWS Specialization by Amazon Web Services   **July 2024**
- Gained hands-on experience with DevOps practices and AWS tools to develop, deploy, and maintain scalable, secure applications, focusing on CI/CD, monitoring and automation.

Leadership and Extracurricular

J.P. Morgan Chase | *Software Engineering Virtual Experience*   **August 2024**
- Fixed broken files in the repository to make web application output correctly.
- Used JPMorgan Chase's open source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

Finance Club - BIT Mesra | *Senior Member*   **July 2022 - Present**
- Created engaging social media posters and presentations, showing strong creativity and attention to detail in design.
- Orchestrated the successful execution of club's event in technical fest Pantheon'22, overseeing event sponsorship, coordinating sub-events, and designing key event elements.

NSS (National Service Scheme) | *Member*   **December 2021 - April 2023**
- Contributed to community welfare through active participation in blood donation camps and village education drives.
- Promoted environmental sustainability through participation in and support of various environmental conservation and cleaning drives, fostering community awareness and action towards cleaner surroundings.