

DIVYANSHU ARYAN

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EDUCATION

D.A.V Public School, Lalpania
Birla Institute of Technology, Mesra, Ranchi

Class XII
BTech in Electronics and Communication Engineering

2019-2020
2021-Present

TECHNICAL SKILLS

Languages : C++(Data Structures and Algorithm), SQL (MySQL), NoSQL(MongoDB) JavaScript ES6, HTML, CSS

Frameworks : WebSockets, jQuery, React Native, Node.js, ExpressJS, Bootstrap

Cloud and DevOps : AWS(Amazon Web Services), AWS DevOps, GitHub

CS Fundamentals : Computer Networking, Operating Systems, Object Oriented Programming, Database Management System

Others : SDLC(Agile, Scrum), VS Code, Microsoft Office(Excel, Word, PowerPoint), Google Workspace(Sheets, Doc)

EXPERIENCE

Summer Internship | TVNL (Tenughat Vidyut Nigam Limited)

May 2024 – June 2024

- Developed a comprehensive gatepass management system, enhancing security and efficiency for the organization.
- Utilized HTML, CSS, JavaScript, PHP and SQL to create a user-friendly interface and robust backend functionality.
- Successfully reduced the manual processing time by 40% through automation of the gatepass 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 | HTML, CSS, JavaScript, React, Socket.io, and MongoDB

May 2024

- Developed a real-time collaborative document editing platform using modern web technologies.
- Utilized websockets for real-time synchronization of keystrokes and changes, ensuring seamless updates for all users.
- Featured a intuitive UI and robust back-end architecture to handle multiple users and concurrent changes efficiently.
- [GitHub Link](#)

MERN Blog App | HTML, CSS, JS, MongoDB, Express, React and Node.js

July 2024

- Developed a full-stack blog application using MongoDB, Express, React, and Node.js (MERN stack).
- Implemented JWT for secure authentication and user session management.
- Designed a user-friendly interface for creating, reading, updating, and deleting blog posts.
- [GitHub Link](#)

COURSES AND CERTIFICATIONS

AWS Fundamentals Specialization by Amazon Web Services | Coursera

June 2024

- Gained comprehensive knowledge of core AWS services, including compute (Amazon EC2, AWS Lambda), database (Amazon RDS, Amazon DynamoDB), storage (Amazon S3), and key AWS security measures (IAM), along with migration strategies and serverless application development.

DevOps on AWS Specialization by Amazon Web Services | Coursera

July 2024

- Learned to utilize DevOps philosophies, practices, and AWS tools to develop, deploy, and maintain scalable, reliable, and secure applications, with hands-on experience in CI/CD, IaC, monitoring, and automation using AWS services.

CLUBS AND EXTRA-CURRICULAR

J.P. Morgan | 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 | Member

July 2022 - Present

- Conceptualized, designed, and produced compelling social media posters and presentations, demonstrating creative prowess and meticulous attention to visual communication.
- 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.