DIVYANSHU ARYAN

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EDUCATION

D.A.V Public School, Lalpania	**Class X**	*2017-2018*
D.A.V Public School, Lalpania	**Class XII**	*2019-2020*
Birla Institute of Technology, Mesra, Ranchi	**BTech in Electronics and Communication Engineering**	*2021-Present*

TECHNICAL SKILLS

Languages : C++(Data Structures and Algorithm), SQL (MySQL), NoSQL(MongoDB) JavaScript ES6, HTML, CSS
Frameworks : Socket.io, 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, Words, PowerPoint), Google Workspace(Sheets, Doc, Slide)

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.
  – Utilizes Socket.io for real-time synchronization of keystrokes and changes, ensuring seamless updates for all users.
  – Features a intuitive UI and robust back-end architecture to handle multiple users and concurrent changes efficiently.

Blog App | *HTML, CSS, JS, MongoDB, Express, React and Node.js* *June 2024 - Present*
  – 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.

AutoSubtitle | *HTML, CSS, JS, Next.js, React, AWS S3 and AWS Transcribe* *July 2024 - Present*
  – Developed an automated system using Next.js, React, AWS S3, and AWS Transcribe to generate captioned videos from user-uploaded content.
  – Implemented AWS S3 for secure video storage and AWS Transcribe for accurate speech-to-text conversion in cloud environments.
  – Designed a user-friendly interface with Next.js and React for seamless video upload, processing, and caption embedding.

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.

Business Analytics Specialization by University of Pennsylvania | *Coursera* *July 2024*
  – Learned to describe, predict, and inform business decisions using big data analytics across marketing, human resources, finance, and operations, developing data literacy and an analytic mindset for strategic decision-making.

CLUBS AND VOLUNTEERING

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.