ANSHUMAN SINGH

 LinkedIn | 8088272723 | AnshumanSinghPortfolio | M Anshuman Singh | GitHub

Skills

- C++ | Java | JavaScript | MYSQL | Node | Express | Linux | Docker | NoSQL | Git | Reddis| AWS
- OOP's| EJS | Frontend | Backend | Full-Stack | English, Hindi, Kannada – All professional proficiency or above

Certifications

- **DevOps Fundamentals – IBM:**
  Completed a DevOps Fundamentals course by IBM Developer Skills Network, covering core DevOps principles and practices.

- **AWS Solutions Architect - Associate – Ethnus**:
  Completed a certification program focused on designing and deploying scalable, secure AWS solutions.

Projects

DevTube   Dec'24
Developed a fully functional YouTube-like web application with features for user authentication, video uploads, real-time interactions, and dynamic content management.

- **Cross-Platform UI:** Built with Node.js, Express, and EJS for responsive and seamless performance.
- **Video & Image Management:** Used Multer for uploads, Bunny CDN for video streaming, and ImageKit for optimized image delivery.
- **Real-Time Features:** Integrated Socket.io for live notifications and interactions.
- **Authentication & Security:** Implemented Google OAuth 2.0 with Passport.js and session management via Express-Session.
- **Backend & API:** Developed scalable RESTful APIs with Express.js and optimized MongoDB data handling using Mongoose.
- **Architecture:** Used module-alias for modular, maintainable code and enhanced performance.

Ride Rental App   Nov'24
A cross-platform mobile application built for campus cycle rentals, offering a seamless, secure, and efficient transport solution for students.

- **Cross-Platform Development**: Built using **React Native**, ensuring consistent performance and responsive design across both Android and iOS platforms.
- **User Interface Design**: Designed an intuitive and interactive UI using **Tailwind CSS** with **NativeWind**, enhancing user experience.
- **Backend Architecture**: Developed and optimized RESTful APIs using **Node.js** and **Express.js**, ensuring fast and reliable communication between frontend and server.
- **Secure Authentication**: Integrated **JWT-based authentication** and **Express-Session** for secure user login and session management.
- **Database Integration**: Used **MongoDB Atlas** for real-time data storage and retrieval of users, ride bookings, and cycle availability.
- **Modular Codebase**: Structured the project with reusable components and clearly separated logic for scalability and maintenance

Education

VIT Bhopal University   2022 - 2026
- BTech In Computer Science Engineering with specialization in Cloud Computing and Automation| CGPA: **8.59**   **(expected)**

Positions of Responsibility

Geeks For Geeks Student chapter| Event Management   Jun'22 - Jun'23
- **Managed Advitya:** Orchestrated Geek Gala, a major event featuring over 200 participants. The event included technical competitions and workshops, such as coding challenges and seminars, showcasing emerging technologies. This resulted in a 40% increase in participant engagement and a 25% rise in event feedback ratings.