

ANSHUMAN SINGH

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EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY, BHOPAL

Bachelor of Technology

Bhopal, MP

(Expected May 2026)

Major in Computer Science; Specialization in Cloud Computing

Cumulative GPA: 8.72/10.0

Relevant Coursework: Operating Systems; OOP's; Computer Network; Database Management and Systems

TECHNICAL SKILLS

- **Languages & Frameworks:** C++, JavaScript, HTML/CSS, Node.js, Express.js
- **Databases:** MySQL, MongoDB
- **Cloud & DevOps Tools:** AWS (EC2, S3, Elastic Beanstalk, Lambda), Docker
- **Tools & Platforms:** GitHub, Postman, Linux

PROJECTS

DEVTUBE – Media Platform

Jan 2025

Node.js, Express.js, EJS (Embedded JavaScript), MongoDB

- Built a full-stack media-sharing platform with 5+ frontend pages and features like user registration, login, profile, and video playback using EJS and Express.js.
- Integrated Google OAuth 2.0 using Passport.js and session management via Express-Session for secure authentication.
- Engineered 10+ RESTful API routes with Express.js and MongoDB for user, video, and comment data operations, using Multer for uploads and Bunny CDN + ImageKit for optimized delivery.

RIDE RENTAL – Cross Platform React Native App

Dec 2024

React Native, Tailwind CSS, Express.js, MongoDB Atlas, JWT

- Developed a mobile app with 8+ modular components using React Native and Tailwind CSS for responsive design on Android and iOS.
- Designed role-based access and JWT-secured login for riders using Express.js and MongoDB Atlas.
- Implemented real-time cycle booking logic and availability tracking with backend API integration across 3 primary app screens (Home, Book Ride, History).

KHATABOOK – Financial Record Manager.

Nov 2024

Node.js, Express.js, EJS, MongoDB, Express-Session, Node.js fs, Tailwind CSS

- Created a financial logging system with CRUD operations across 4+ EJS templates, allowing users to manage and view entries efficiently.
- Used Express-Session for authentication and MongoDB Atlas to store and access 100+ test records during development.
- Added support for local file exports using Node.js fs module to allow offline access and manual backup of financial data.

CERTIFICATIONS & ACHIEVEMENT

DEVOPS FUNDAMENTALS - IBM

- Completed a DevOps Fundamentals course with IBM Developer Skills Network, covering core DevOps principles and practices

INDUSTRY CONCLAVE – Finalist

- Selected as one of top 5 finalist teams out of 50+ participants for presenting an innovative tech solution at a university-level industry-focused competition