Astitva Arya

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EDUCATION

Indian Institute of Information Technology, Nagpur   Nagpur, Maharashtra
Bachelor of Technology in Computer Science and Engineering   *Aug 2023 – Aug 2027*
SGPA   *7.75*

PROJECTS

JobSmart Backend — *Node.js, Express.js, TypeScript, MongoDB, OpenAI API*
- Built a scalable backend for a career platform with secure JWT-based auth, role-based access, and full profile management.
- Integrated resume upload (PDF, DOCX, image with OCR) with AI-generated insights including skill gaps, strengths, and ATS score.
- Engineered a job recommendation engine using user data, preferences, and Remotive API for real-time job matching.
- Implemented AI-powered mock interview system with role-based questions, scoring, and automated interview reports.
- Developed RESTful APIs for users, resumes, jobs, and interviews; ensured security, error handling, and clean code via TypeScript.
- Integrated OpenAI (LLMs), Cloudinary, Tesseract.js (OCR), and Remotive API in a modular backend.
- Link: GitHub

EliteCart — *Flutter, Node.js, MongoDB, Cloudinary*
- Cross-platform e-commerce app with responsive Flutter UI, custom theming, and GetX for state management.
- Supported Android, iOS, Web, and Desktop builds with reusable, modular UI components.
- Built secure RESTful API using Node.js, Express.js, and MongoDB (Mongoose) with JWT auth and Google OAuth.
- Implemented cart, wishlist, orders, reviews, and admin features with image handling via Cloudinary.
- Used TypeScript, Prettier, and Nodemailer for clean code, emails, and maintainability.
- Links: Frontend | Backend

Streamzy — *Node.js, Express.js, MongoDB, Cloudinary, JWT*
- A full-stack social video-sharing platform with features like user authentication, video uploads, playlists, likes, and subscriptions.
- Developed secure and scalable RESTful APIs following the MVC architecture and JWT-based auth for protected user roles.
- Handled **500+ API calls/day** and **50+ concurrent media uploads** using efficient request handling with Express.js.
- Integrated Cloudinary for fast and optimized video storage with streaming latency under **1.2 seconds**.
- Link: GitHub

TECHNICAL SKILLS

Languages: Dart, JavaScript, TypeScript, Python, Java, C/C++, SQL, HTML/CSS
Frameworks & Libraries: Flutter, Node.js, Express.js, GetX, Mongoose, Tesseract.js
Technologies & Tools: MongoDB, JWT, OAuth, Cloudinary, Nodemailer, OpenAI API, Remotive API
Developer Tools: Git, GitHub, VS Code, Postman, Android Studio, IntelliJ
Architecture & Patterns: REST APIs, MVC, Modular Architecture, Dependency Injection, Clean Code Practices