

# ANKIT KUMAR JHA

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## EDUCATION

- Guru Gobind Singh Indraprastha University, New Delhi, India  
BTech (Electrical and Electronic Engineering), 2026

**CGPA:7.4**

## WORK EXPERIENCE

- **Network Engineer Intern, [D-Link](#) JULY-AUGUST,2024**
  - Collaborated with the IT team to maintain and optimize the organization's network infrastructure, ensuring high availability and performance.
  - Gained hands-on experience with network protocols, hardware configurations, and troubleshooting.
  - Learned the core of networking and Linux, gaining a strong foundation in system administration and network management.
  - Developed scripts and tools using JavaScript/Node.js to automate routine tasks and enhance network monitoring.

## PROJECTS

### 1. Karm An Interactive Job and Internship | MongoDB, React, Node.js, Express [{Link}](#)

- Developed a job and internship platform using the MERN stack, ensuring scalability and performance.
- Designed and optimized MongoDB schemas for efficient data storage and retrieval.
- Built and integrated secure RESTful APIs with Node.js and Express.js for seamless frontend-backend communication.
- Implemented authentication and authorization using JWT, enhancing security and user access control.
- Deployed and managed the application on Render, ensuring high availability and optimized server performance.
- pitched the idea to Y-combinator (Startup accelerator company)

### 2. Zaikaa -Food Delivery App | React, JavaScript, HTML, CSS, Redux [{link}](#)

- Implemented dynamic UI components using React, enhancing user experience.
- Optimized CSS styles with Tailwind CSS for a sleek and modern design.
- Integrated interactive features with JavaScript to streamline the ordering process using swiggy Api.
- Deployed the application on Netlify, optimizing load times and enhancing accessibility.

### 3. Bud matching platform (find your lost earbuds) | JavaScript, React, Node.js ,Express.js [{link}](#)

- Engineered a scalable backend architecture for BudMatching using Node.js, Express, and MongoDB, optimizing API performance and database efficiency.
- Designed and implemented robust MongoDB data models with indexed queries to enhance retrieval speeds and ensure data consistency.
- Integrated authentication mechanisms using bcrypt for password hashing and JWT tokens for stateless user sessions.

### 4. Crm build for @[Xeno](#) | JavaScript, React, Node.js, Express.js, MongoDB, Google oAuth, OpenAI [{link}](#)

- Architected and developed a full-stack CRM platform with React frontend and Node.js/Express.js backend, implementing a modern component-based architecture with React Router for SPA navigation and Context API for state management.
- Engineered a robust MongoDB database schema with optimized data models for Customers, Campaigns, Segments, and Communication Logs, implementing proper indexing strategies and data validation.
- Built a comprehensive customer management system with features including bulk CSV import/export, advanced filtering, pagination, and real-time data updates upto 1000s of customers.
- Integrated RESTful API architecture with proper error handling, input validation, and middleware implementation, documented using Swagger/OpenAI.

- Developed a sophisticated campaign management system with dynamic segment creation using React Query Builder, enabling complex customer targeting rules and real-time audience estimation.
- Deployed the application using Netlify for frontend and Railway for backend, implementing CI/CD pipelines and proper environment configuration.

**\*Please visit portfolio website for other projects.**

## TECHNICAL SKILLS

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- Languages: C/C++, Java (DSA), Python, JavaScript (Proficient)
- Full Stack Development: HTML, CSS, JavaScript, React.js, Bootstrap/Tailwind CSS, TypeScript, Node.js, Express.js, MongoDB
- Database: MongoDB, SQL
- DevOps: Docker, Kubernetes, AWS
- Version Control: Git, GitHub
- APIs and Tools: RESTful APIs, GraphQL, Postman
- Developer Tools: IntelliJ, VS Code, Git, Eclipse

## HONORS AND AWARDS

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- **Solved 150+ problems** on Code chef, Leetcode, Hackerrank, Interviewbit, Spoj.
- **Highest rating on Leetcode was 1507.**
- ***Malhaar'23***: Collaborated with the cultural society to document and promote the fest's diverse range of activities, enhancing the event's visibility and engagement.
- ***Smart India Hackathon'24***: Selected for SIH at the college level by outperforming five teams working on the same project.
- Secured a **2nd division** in the **5th semester** of the **EEE branch** in college.