

# Ankur Kumar



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Github

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## About

Passionate Software Developer working with the MERN Stack, creating efficient, performant, and user-focused and production ready web and mobile applications. Strong focus on performance optimization, clean UI development, scalable backend architecture, and secure API integrations. Previously worked as a Security Researcher, giving a strong foundation in application security and vulnerability analysis.

## Experience

### MERN Developer @Bon dub

FEB 2025-JUNE 2025

- Utilized frontend technologies like React Native, React.js, and Next.js to design and develop responsive web and mobile applications; also gained hands-on experience with Node.js for backend development.
- Independently developed and deployed the complete blog feature from scratch, integrating GraphQL and RSS APIs for dynamic content delivery. Implemented lazy loading to significantly improve page performance and reduce load time.

### Freelancer @Bugcrowd

MAR 2024 – AUG 2024

Security Researcher – Webapps, API's

Remote

- Done penetration testing for multiple companies Found critical security Bugs in companies like Unilever, Canva.

## Projects

### Dev Duel | MERN Stack

Live Link

*MongoDB, Express.js, React.js, Node.js*

- Online coding practice platform focused on Data Structures and Algorithms. Developed an interactive coding environment with real-time code execution, automated test evaluation, and AI-based code review for personalized feedback. Included user progress tracking and difficulty-wise problem sets.

### Tech Stack:

- Frontend:** TypeScript, React.js, React Query, Context API, Formik
- Backend:** Node.js, Express.js, Mongoose, Aggregation Pipeline, Nodemailer, Multer, Cloudinary
- Database:** MongoDB
- Hosting:** Vercel, AWS
- Code Execution:** Judge0 API

## Technical Skills

**Programming Languages:** JavaScript, TypeScript

**Front-End Technologies:** React.js, React Native

**ORM:** Mongoose

**State Management:** Zustand, Context API

**Databases:** MongoDB, Firebase

**Version Control:** Git, GitHub

## Certifications

- IBM Introduction to Cloud**
- Microsoft Introduction to networks**
- Introduction to Microsoft Azure Cloud**
- Google Cyber Security Certification**

## Education

Assam down town University

**CTIS : Bachelor of Computer Application**

August 2022 - August 2025 **BCA**

**CGPA : 8.58**