

# Aarush Kumar

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[github.com/kraarush](https://github.com/kraarush) | [leetcode.com/kraarush709](https://leetcode.com/kraarush709)

## Experience

### Infineon iHack 2025 Hackathon

- Competed in Infineon's advanced problem-solving hackathon, developing "**Defend the Kingdom**", a complex DSA-based project in a collaborative team environment.
- Worked with XML input data, implementing efficient parsing and processing techniques.

## Projects

### OpportuneX - Deployed link

Feb 2025 - Present

**Tech Stack:** React.js, Redux, Tailwind, Node.js, MongoDB, JWT, Cookies, ShadCN UI, Multer, Docker, Jenkins

- Built a job portal with **role-based access control** for job posting management and application tracking.
- Implemented **secure authentication** using JWT, cookies, and middleware-based validation.
- Developed **job filtering and sorting** by location, salary, and company.
- Dockerized both frontend and backend, set up Jenkins **CI/CD pipeline** for automated builds and Docker Hub publishing.

### Expensio - Deployed link

June 2025 - Present

**Tech Stack:** React, Redux, Tailwind, Node, MongoDB, JWT, Cookies, ShadCN UI, ChartJS

- Developed a full-stack expense tracking platform enabling users to **add, edit, and delete transactions** with real-time updates and JWT-based authentication.
- Designed an intuitive dashboard with **bar and pie charts** to visualize monthly and category-wise spending.
- Created RESTful APIs with Express, MongoDB Atlas integration, and documented them using Swagger

### Booklytic - Deployed link

Sep 2024 - Oct 2024

**Tech Stack:** EJS, Node.js, Express.js, MongoDB, Google Books API, Bootstrap

- Created a web application allowing users to review books and read others' reviews before purchasing.
- Implemented secure login and authentication using Google OAuth and **OTP-based password reset**.
- Integrated **Google Books API** to fetch book data, descriptions, and purchase links.
- Used cookies to enhance user experience by preserving login sessions.

### Keeper - Deployed link

Nov 2024 - Jan 2025

**Tech Stack:** React.js, Bootstrap, Material UI, Express.js, PostgreSQL, Google OAuth

- Developed a full-stack notes-keeping web app with user authentication and cloud storage.
- Integrated Google OAuth for authentication, ensuring secure and seamless login.
- Utilized Supabase (PostgreSQL) for real-time note storage and retrieval.

## Achievements

- Solved 300+ problems on platforms like LeetCode, GeeksforGeeks, SPOJ, and Codeforces, earning the **50-day badge** on LeetCode.
- Actively participated in multiple hackathons during my academic journey.

## Technical Skills

**Languages:** C, C++, Java, Python, JavaScript, SQL, PHP

**Frameworks & Libraries:** React.js, Redux, Node.js, Bootstrap, Tailwind, Laravel, JQuery, EJS, REST API, ShadCN UI

**Technologies & Tools:** Git, GitHub, PostgreSQL, MongoDB, Postman, Docker Desktop, JWT, Cloud Deployment, Jenkins

## Certifications

- **Server-side JavaScript with Node.js** Jan 2024 - April 2024
- **NPTEL Certification in Cloud Computing** July 2024 - October 2024

## Education

Lovely Professional University, B-Tech in Computer Science

Aug 2022 – July 2026

- **CGPA:** 8.65/10