

Aarush Kumar

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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 and 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.

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, Supabase (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

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