

DEV PRAKASH

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Education

Motilal Nehru National Institute of Technology Allahabad

B.Tech in Computer Science and Engineering

2021 – Present

CGPA: 8.45 (till 6th Sem)

Pragya Bharti Public School, Gaya

Intermediate, CBSE

2021

Percentage: 94.60

Experience

Amazon India

Software Engineer Intern

June 2024 – July 2024

Bangalore, Karnataka

- Converted 5 non-XML feeds from CSV to XML format, enhancing data security and processing efficiency through the implementation of client-side encryption.
- Developed a utility to enrich missing feed fields and append metadata, reducing manual processing time.
- Optimized the output model schema validation process, improving accuracy and reducing validation errors by 70%.
- Conducted thorough unit, SIT, and integration testing, resulting in a 60% reduction in post-deployment issues.

Projects

Imperial Mess | [GitHub](#) | [Live Link](#)

November, 2023

- Designed a complaint management web application for a student body of 500+, offering role-based services for students, wardens and accountants.
- Implemented secure G-Suite ID-based login and sign-up functionality, streamlining user authentication and reducing errors, while also adding a Forgot Password feature for account recovery.
- Enabled students to register complaints and view menus boosting engagement and feedback.
- Created tools for Chief Wardens to resolve complaints and manage students access, improving efficiency.
- Engineered access control mechanisms, ensuring users can only view information relevant to their specific hostel.
- Added an email notifications for complaint registration, resolution, and account status changes (blocked/unblocked), improving user communication and engagement.
- **Tech Stack:** ReactJS, Ant Design, MongoDB, Express.js, Node.js, JWT Authentication, Nodemailer

TicketGhar | [GitHub](#) | [Live Link](#)

June, 2023

- Built an online ticket booking system for movie theaters, enabling users to easily book and manage tickets.
- Engineered user authentication features, including login, signup, and secure password recovery.
- Created a payment gateway integration, enabling users to book movie tickets online securely.
- Implemented features for theater owners to register and manage movie shows, streamlining operations.
- Designed admin functionalities to add movies and manage theater approvals, ensuring platform integrity.
- Integrated an email notification system to send booked ticket confirmations to users, increasing timely delivery and communication effectiveness.
- **Tech Stack:** ReactJS, Ant Design, MongoDB, Express.js, Node.js, Stripe API, Nodemailer

Technical Skills

Languages: C, C++, Java, HTML/CSS, JavaScript, SQL

Developer Tools: Visual Studio Code, Git

Technologies/Frameworks: ReactJS, Express.js, Node.js, Tailwind CSS, MongoDB

Relevant Coursework

- Data Structures
- Database Management
- OOPS Concepts
- Computer Networks
- Algorithms Analysis
- Operating System
- Web Development

Achievements

- Attained 497th place in the CodeChef Starters-72 Division-3 contest, outperforming 90% of participants.
- Ranked 734th globally in LeetCode Biweekly Contest 129, demonstrating advanced proficiency in DSA.

Coding Profiles

- LeetCode (max. rating 1921): devprakashdp2021
- CodeChef (max. rating 1624): code_likh