

AKASH JAISWAR

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Education

Indian Institute of Information Technology Bhagalpur

Bachelor of Technology, Computer Science and Engineering

Nov 2022 – Present

Bhagalpur, Bihar

Grade: 8.50 (latest), 7.73 (Absolute grading)

Skills

CS Fundamentals: Data structures, Algorithms, Operating system, OOP, DBMS

Languages: C++, C, Python, SQL, JavaScript, HTML, CSS

Frontend: React.js, Redux, HTML5, CSS3, Responsive Design

Backend: Node.js, Express.js, RESTful APIs, Microservices

Databases: MongoDB, MySQL, Firestore, Convex



Cloud & Tools: Firebase, Cloudinary, Git/GitHub, JWT Authentication

Projects

GreenCart | Stripe, MongoDB, ExpressJS, ReactJS, NodeJS, Redux |  


Feb 2025 - Apr 2025

- **Built and deployed** a grocery shopping platform supporting **6+** product categories with category-based filtering, address-based checkout, and Stripe-powered online payments alongside cash-on-delivery.
- **Designed** dual-role authentication for **2** distinct user types (buyers and sellers), enabling seller to manage inventory, update product availability in real time, and track user orders.
- **Embedded** cloudinary to handle over **1,000** product image uploads, ensuring fast load times and consistent media delivery across user and seller views.

Invoice-generator | ReactJS, ChartJS, Firebase, Firestore |  

Feb 2025 - Feb 2025

- **Developed** a comprehensive full-stack invoice generator application utilizing React.js and Firebase, allowing users to create, view, delete, and manage invoices with efficient real-time data.
- **Engineered** and deployed secure authentication using Firebase Authentication, implementing robust user registration, login, and profile management with email, username, and profile picture support.
- **Integrated** Cloudinary for handling profile picture uploads up to 10MB, leveraged Chart.js to generate real-time financial insights, and created a print feature for PDF invoice generation.

VideoTube | Backend | NodeJS, ExpressJS, MongoDB, JWT, Cloudinary | 

Sep 2024 - Oct 2024

- **Architected** a scalable backend supporting video uploads, watch history, playlists, comments, and likes, optimizing resource allocation to cut server load by **30%** for smooth playback.
- **Designed** RESTful APIs, improving response time by **40%** and enhancing video management efficiency.
- **Secured** application with JWT authentication system including refresh tokens, role-based access control, and input validation, maintaining zero security vulnerabilities in production deployment.

Achievements and Extracurricular

- **Solved over 800+ coding challenges**, including **470+** on [LeetCode](#), **270+** on [geeksforgeeks](#) and rest on others, obtaining a global ranking of 2918 in a LeetCode contest.
- **Achieved a 3 Star rating** on [CodeChef](#) and attained peak global rank of 599 demonstrated ability to tackle intricate problems under competitive conditions while maintaining total rating of 1606 points.
- **Competed in coding competitions**, engineering software solutions to real-world problems, Partnered with teams of 3-5 members to design applications that boosted task efficiency by 20%.
- **Excelled as a Sports/Fitness Enthusiast**, regularly competing in football as part of the college team, played 8 football matches, contributing to 2 victories and securing top 3 finishes.