





Ashish Kumar

Full Stack Developer

 github.com/ash-stark-lm  linkedin.com/in/ashish-kumar-603b74237  ashish.kr.7724@gmail.com
 +91-7763883270

Education

Indian Institute of Technology Roorkee

Nov 2021 - May 2025

Bachelor of Technology in Metallurgical & Materials Engineering; CGPA: 7.237/10

Roorkee, India

Work Experience

SDE Intern — TechLuminar Education

January 2024 – April 2024

- Built a scalable DoubtNut-like platform using React.js and Node.js, acquiring 500+ users in the first month.
- Developed RESTful APIs for interactive learning modules and quizzes.
- Enhanced quiz features to boost engagement, increasing course completion rates by 40%.

Full Stack Developer — PLUTO

May 2024 – July 2024

- Developed a full-stack web platform and WhatsApp chatbot simulating influencer interactions using **React, Node.js**.
- Integrated backend with a custom **Large Language Model (LLM)** to generate contextual, dynamic responses
- Implemented real-time chatbot for personalized user engagement and immersive product promotions.
- Designed scalable system architecture and responsive UI for a next-gen influencer marketing platform.

Projects

Food Delivery Website (Tomato)

April 2024 – May 2024

- Built a full-stack food delivery platform with user login, admin panel, and payment workflows.
- Integrated Stripe for secure transactions and implemented JWT-based role-specific access control.
- Developed a mobile-responsive UI using React and Tailwind CSS to ensure seamless cross-device compatibility.
- Leveraged the MERN stack to handle real-time order tracking and efficient data processing on the backend.

CodeAsh – Online Coding Platform

July 2025

- **Tech Stack:** React (Vite), Tailwind CSS, Express.js, MongoDB, Redis, JWT, Docker, bcrypt, crypto, Judge0 API, Monaco Editor, Framer Motion, Google GenAI API, Google OAuth, AWS EC2, Nginx.
- Built a full-stack coding platform with live problem solving, code execution, submission tracking, and progress visualization.
- Implemented Google OAuth for seamless third-party authentication alongside JWT-based login.
- Integrated an AI-powered assistant using Google GenAI API to provide code debugging and problem-solving support.
- Developed an Admin Panel with role-based access to create, update, and delete problems.
- Implemented an Editorial section for users to post solutions and explanations with Markdown support.
- Integrated Monaco Editor with Judge0 API for real-time, multi-language code compilation.
- Secured backend with JWT auth, bcrypt encryption, Redis session handling, and Dockerized deployment.
- Deployed on AWS EC2 with Nginx reverse proxy, custom domain DNS setup, and SSL for secure access.

Technical Skills

Languages: C++, JavaScript, TypeScript, Ruby, Solidity, HTML, SQL

Frameworks & Tools: React.js, Next.js, Node.js, Express.js, Tailwind CSS, MongoDB, Mongoose, Redis, Framer Motion, Docker, Docker Compose, Git, GitHub, Jenkins, JWT, bcrypt, crypto, Postman, Websockets,

Other Technologies: Linux, OpenAI API, AWS EC2, Stripe, Socket.io, Nginx, Git, Postman, Remix IDE, Foundry

Concepts: Data Structures & Algorithms, REST APIs, Role-Based Access Control, Responsive Design

Extracurricular Activities

Cognizance: Events Executive at Cognizance'23, IIT Roorkee

Cultural Council, IIT Roorkee: Senior Executive Member of Cultural Society, IIT Roorkee

Student Mentorship Program, IIT Roorkee: Mentor, guiding and supporting junior students in their academic and personal growth.