

Kundan Kumar

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Profile

Aspiring **AWS Cloud and Full Stack Developer** with hands-on experience in the **MERN stack and DevOps** practices. Currently pursuing a **B.Tech in Computer Science** from Jawaharlal Nehru Technological University, Kakinada. Skilled in developing and deploying scalable web applications using modern cloud and containerization tools. Completed web development projects integrating **AI-powered tools** to enhance functionality and user experience. Strong commitment to continuous learning, cloud computing, and building high-performance software solutions.

Education

Jawaharlal Nehru Technological University, B. Tech in Computer Science and Engineering Aug 2022 – June 2026

- CGPA: 7.67/10.0

- Specialization in Computer Science

Anugrah Narayan College, Patna (BSEB)

May 2020 – May 2022

- Intermediate (Science)

- Marks: 81.4

Rose Public School, Darbhanga (CBSE)

May 2020

- Marks: 92.8

Experience

Full Stack Web Development Internship, SKILLHACC

Aug 2023 – Nov 2023

- Developed and deployed MERN-based web applications, ensuring smooth API communication between frontend and backend.
- Improved API response time by 30% through optimized database queries.
- Integrated Git for version control and collaborated in an agile development environment.
- **Technologies:** React, Node.js, MongoDB, Express.js, Git.

AWS Internship, Internship Studio

May 2025 – July 2025

- Worked with core AWS services including EC2, S3, IAM, Lambda, and RDS to deploy and manage cloud infrastructure.
- Deployed static websites using S3 and launched virtual servers via EC2 with custom security groups.
- Built a serverless function using AWS Lambda integrated with API Gateway to simulate real-time event handling.
- **Technologies:** AWS EC2, S3, IAM, Lambda, RDS, CloudWatch, VPC.

Projects

Zerodha-Inspired – Full Stack Stock Trading Platform

- Built a full-stack stock trading simulation platform inspired by Zerodha, allowing users to track market trends, manage funds, and place virtual trades.
- Deployed the application on **AWS EC2** with **Nginx** and **MongoDB Atlas**, ensuring scalable and reliable performance.
- **Technologies:** React, Node.js, Express.js, MongoDB, AWS EC2, Nginx.

Full-Stack Chat Application – Real-Time Messaging Platform

- Developed and deployed a real-time chat application supporting instant messaging, user authentication, and dynamic group conversations.

- Implemented CI/CD pipelines for automated testing and seamless deployment across environments.
- **Technologies:** React, Node.js, Express.js, MongoDB, Docker, Kubernetes, GitHub Actions.

Personal Portfolio Website

- Designed a professional portfolio to showcase skills, projects, and achievements.
- Implemented mobile-friendly, responsive design using modern web technologies.
- **Technologies:** HTML, CSS, JavaScript.

Skills

- **Programming Languages:** Java, Python, HTML, CSS, JavaScript
- **Frameworks & Libraries :** React, Node.js, Express.js, Material-UI(MUI), TailwindCSS
- **DevOps & Tools:** Docker, Kubernetes, GitHub Actions, Jenkins, AWS EC2, AWS S3, AWS Lambda, AWS IAM, AWS CloudWatch
- **Databases:** MongoDB, SQL
- **Core Subjects:** Object-Oriented Programming(OOP), DevOps

Certifications

- Full Stack Web Development- SKILLHACC
- **Hacker Rank** Basic Certifications: Java, Python, Problem Solving, SQL
- AWS Certification Course

Achievements

- **5-Star Ratings** in Java, Python and C++ on HackerRank.
- Solved 250+ problems on LeetCode.
- Earned LeetCode **SQL Badge** for completing 50 consecutive days of SQL challenges.

Hobbies

- Cricket
- Travelling