

MUNNA KUMAR

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Professional Summary

Aspiring Full Stack Developer with a strong foundation in Python, JavaScript, Java, and C. Demonstrated problem-solving skills with 115+ algorithmic challenges solved on LeetCode. Skilled in building scalable, secure applications using modern frameworks like Django, React.js, and the MERN stack. Passionate about leveraging cloud technologies and AI solutions to create innovative applications that drive real-world impact. Eager to contribute and grow in a collaborative development environment.

Technical Skills

- **Programming Languages:** Python, JavaScript, Java, C++, C
- **Frontend Technologies:** React.js, HTML5, CSS3, Bootstrap, Material UI, Daisy UI, Tailwind
- **Backend Technologies:** Django, Node.js, Express.js, REST APIs, MVC Architecture, Spring Boot
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Cloud & DevOps:** AWS (EC2, S3, Lambda, SageMaker), Docker, GitHub Actions, CloudFormation, CI/CD
- **Tools & Methodologies:** Git, GitHub, Postman, VS Code, Agile/Scrum, JIRA, TDD

Internship Experience

AI/ML Intern (Virtual) • Amazon Web Services Mar 2025

- Developed and deployed predictive ML model on AWS SageMaker that reduced cloud resource costs by 18
- Automated ETL pipelines using AWS Lambda and Step Functions, processing 10,000+ records daily
- Improved model accuracy from 82% to 94% through feature engineering and hyperparameter tuning
- Implemented CI/CD pipeline with AWS CodePipeline reducing deployment time by 40

Community Outreach Intern • Community Development Program Jun–Jul 2023

- Analyzed health data for 500+ households, identifying key trends that informed resource allocation
- Automated weekly reporting using Python, saving 15+ manual hours per week
- Increased community engagement by 25% through targeted outreach campaigns

Projects

Real-Time Chat Application • MERN Stack GitHub

React.js • Node.js • Express.js • MongoDB • Socket.io • JWT

- Developed a scalable chat application with real-time messaging using Socket.io supporting 500+ concurrent users
- Implemented end-to-end encryption for secure communication and JWT for user authentication
- Reduced latency by 60

AI-Powered Resume Builder • MERN Stack + OpenAI GitHub

React.js • Node.js • Express.js • MongoDB • OpenAI API • Puppeteer

- Engineered AI-based resume builder with real-time suggestions that improved user interview rates by 35
- Integrated ATS score checker and dynamic PDF generation with 98

Employee Management System • MERN Stack GitHub

React.js • Node.js • Express.js • MongoDB • Redux • JWT

- Designed secure system with JWT authentication and role-based authorization handling 1000+ employee records
- Achieved 90+ Lighthouse score through performance optimization and responsive UI design

Education

B.Tech in Computer Science and Engineering (Honors)

Koneru Lakshmaiah Education Foundation

Jul 2023–Present

CGPA: 9.65/10 (Top 20% of class)

Senior Secondary (XII)

Baidnath High School, Bettiah

Mar 2022

Percentage: 81% (District Topper in Computer Science)

Certifications

- **MongoDB Certified Associate Developer** – MongoDB Inc. (NoSQL Database Design, CRUD Operations) 2024
- **AWS Certified Cloud Practitioner** – Amazon Web Services (Cloud Computing, IaaS, CI/CD) Expected Aug 2025
- **Programming in Java** – NPTEL, IIT Madras (OOP, Data Structures, Algorithms) Jul 2023
- **Salesforce AI Associate** – Salesforce (AI Services, Cloud CRM Integration) Dec 2023

Achievements

- **Finalist** – Code for Cause Hackathon (Top 15 among 100+ national teams) 2025
- **Top 50** – HackerEarth AI Innovation Challenge among 1000+ participants 2025