

Annu Mudgal

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Professional Summary

Passionate software developer with expertise in full-stack web development (MERN) and AI/ML. Skilled in building scalable applications and deploying machine learning models to solve real-world challenges. Excited to contribute to dynamic tech teams with innovative solutions.

Skills

- **Programming Languages:** HTML, CSS, JavaScript, C++
- **Frameworks:** MERN Stack (MongoDB, Express, React, Node.js), Tailwind CSS
- **Tools:** Git, Postman, VS Code, Docker, Firebase
- **AI/ML:** Python, TensorFlow, Keras, Scikit-learn

Education

MCA (Master of Computer Applications)

Kr Mangalam University, Gurugram

2025

CGPA: 8.95 (expected)

Coursework: Advanced Web Development, Machine Learning, AI & ML, Database Systems

BCA (Bachelor of Computer Applications)

Maharishi Dayanand University, Rohtak

2023

CGPA: 7.16

Coursework: Web Development, OOP, Algorithms, Software Engineering

Experience

IT Intern (MERN Stack)

Yoma Technologies (BYLD Group Company)

Dec 2024 - Present

- Developed and maintained scalable full-stack applications using the MERN stack.
- Collaborated with teams to enhance user experience and performance.
- Built REST APIs and integrated MongoDB/SQL for data storage.

AI/ML Intern

July 2024 - Aug 2024

- Developed a CNN model for handwritten digit recognition using Flask.
- Created a Python-powered virtual assistant using NLP.
- Improved model accuracy using TensorFlow and Keras.

Projects

Handwritten Digit Recognition

Python, TensorFlow, Keras

Built a CNN model to classify handwritten digits with 98% accuracy. Optimized model performance using TensorFlow and Keras.

Key Contributions: Model design, data preprocessing, performance optimization.

Aether Smart Aid - Virtual Assistant

Python, NLP

Developed a Python virtual assistant using NLP for task automation, including weather updates and news reading.

Key Contributions: NLP integration, voice recognition, feature development.

Full Stack Uber Clone

MERN Stack

Created a real-time ride-booking app with user registration, ride tracking, and payment integration.

Key Contributions: Full-stack development, API integration, payment system.

MERN Full Stack Portfolio

MERN Stack, Tailwind CSS

Developed a responsive portfolio to showcase web development projects using MERN and Tailwind CSS.

Key Contributions: Full-stack development, UI/UX design, responsive layout.