

MANGLA SHUKLA

Aspiring AI/ML & Full-Stack Developer

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SUMMARY

Dynamic and motivated Full-Stack Developer with a specialization in AI/ML, adept at building robust and scalable web applications using the MERN stack. Proficient in front-end and back-end development, with a keen interest in leveraging machine learning to create intelligent, data-driven solutions. Seeking to apply my technical skills and passion for innovation to solve real-world problems in a collaborative and growth-oriented environment.

EDUCATION

Bachelor of Technology, Computer Science (AI & Machine Learning)

Expected 2027

- United College of Engineering and Research, Prayagraj

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Web Development, Machine Learning Fundamentals.

- Intermediate (Class XII)

Scored 87% in PCM stream.

UP Board

TECHNICAL SKILLS

- Languages:** C/C++, Python, Java, HTML, JavaScript (ES6+)
- Backend:** Node.js, Express.js
- API & Tools:** REST API, Git, GitHub, Postman, VS Code

- Frontend:** React.js, Tailwind CSS, HTML5, CSS3
- Databases:** MongoDB, Firebase

PROJECTS

MERN E-Commerce Platform

GitHub

- Engineered a responsive, full-stack e-commerce application featuring robust user authentication and a seamless shopping experience.
- Designed and implemented a RESTful API for managing products, users, and orders, ensuring efficient data flow.
- Integrated Stripe API for secure payment processing and developed a comprehensive admin dashboard for site management.
- Tech Stack:** React.js, Node.js, Express.js, MongoDB, JWT, Stripe API, Tailwind CSS

Krishi Seva (Hackathon Project)

- Developed a mobile app prototype during HackDiwas 2.0 to provide farmers with critical agricultural insights. Implemented features for real-time crop disease detection and AI-powered crop recommendations to improve yield.

Tech Stack: Flutter Flow, Firebase

Expense Tracker Application

GitHub

- Built a command-line application using Python to allow users to efficiently log, categorize, and track their daily expenses.

Tech Stack: Python

INTERNSHIPS / PROFESSIONAL EXPERIENCE

IBM Web Development Internship

Internship trainee

- Developed and deployed a full-stack e-commerce platform, using the MERN stack (MongoDB, Express.js, React, Node.js), along with secure RESTful API with Postman for product management, authentication.

LEADERSHIP & ACHIEVEMENTS

- Campus Ambassador, Unstop (September 2025 - Present): Promoting coding culture and organizing technical events on campus.
- Certifications:** MERN Stack Development, Python Programming.
- Hackathon Participation:** Actively participated in HackDiwas 2.0, developing a project from concept to prototype.
- Technical Workshops:** Completed intensive workshops in NLP, IoT, and Power BI to expand practical knowledge.