

# Akshat Kaushik

## Full Stack Developer | Machine Learning Enthusiast

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### EDUCATION

#### B.Tech, Computer Science & Engineering

Manav Rachna International Institute of Research and Studies  
2023 – 2027 (Final Year)

#### Senior Secondary (12th)

Modern Vidya Niketan, Faridabad  
2022

#### Secondary (10th)

Modern Vidya Niketan, Faridabad  
2020

### SKILLS

#### Languages

Python, Java, C++, JavaScript

#### Web Development

React.js, Node.js, Express.js, Angular, HTML, CSS

#### Machine Learning

Scikit-learn, Pandas, NumPy, Matplotlib

#### Databases

MySQL, MongoDB, Oracle DB

#### Tools

Git, GitHub, VS Code, IntelliJ, Eclipse

#### Core Concepts

DSA, OOPs, DBMS, OS, CN

### CERTIFICATIONS

#### Machine Learning using Python

Infosys SpringBoard · Mar 2026

#### NLP for Speech and Text

LinkedIn Learning · Feb 2026

#### Internet of Things DADB

German Academy of Digital Education · Jan 2026

#### Leadership Foundations

LinkedIn Learning · 2025

#### Problem-Solving Techniques

LinkedIn Learning · 2025

#### Computer Architecture Essentials

LinkedIn Learning · 2025

#### The AI Edge for Entrepreneurs

LinkedIn Learning · 2025

#### HTML and CSS

Great Learning · Mar 2024

Full Stack (MERN) Developer and Machine Learning enthusiast with hands-on experience building production-style web systems, ML models and IoT solutions. Author of 1 published research paper and 1 published patent. Currently a final-year B.Tech CSE student seeking full-time Software Development / SDE opportunities.

### EXPERIENCE

#### Web Development Intern

Jun 2026 – Jul 2026

Codec Technologies Pvt. Ltd.

- Built a complete Enterprise CRM System using the MERN Stack with JWT/bcrypt authentication.
- Designed responsive React dashboards and secure REST APIs with Express.js.
- Integrated MongoDB Atlas to manage Leads, Customers, Deals and Activities.

#### Machine Learning Intern

Jun 2025 – Aug 2025

YBI Foundation

- Developed supervised and unsupervised learning models, improving team efficiency by 15%.
- Performed data preprocessing, visualization, and model evaluation across cross-functional teams.

### PROJECTS

#### Enterprise CRM System ● FEATURED

Full MERN-stack CRM with authentication, sales pipeline visualization, activity logs and analytics dashboards.

React · Node.js · Express · MongoDB · JWT · Chart.js

#### ATM Cash Demand Forecast – BankServe

Forecasting model predicting ATM cash demand across a branch network using EDA and Linear Regression, reducing turnaround time by 20%.

Python · Pandas · NumPy · Scikit-learn · Matplotlib

#### Network Stability Predictor Dashboard

Dashboard to monitor and predict network stability across locations using real-time metrics and weather analysis.

React · Vite · API Integration · Tailwind CSS

#### Smart Student Placement Portal

Full-stack platform for campus placements – student profiles, company job postings, and admin reporting.

Node.js · Express.js · MongoDB · JWT

#### AI Personal Health Advisor

AI web app identifying probable health conditions from symptoms, with confidence scores and recommendations.

Python · Flask · JavaScript

### RESEARCH & PATENT

#### Patent – Vocally Navigated Smart Utility Trolley

Aug 2025

Patent Office Journal No. 35/2025.

Smart trolley system using voice navigation for enhanced accessibility, transforming a research idea into intellectual property.

#### Research Paper – ICICC-2025 Conference

Feb 2025

8th International Conference on Innovative Computing & Communication.

Proposed and presented the concept of a vocally navigated smart utility system, laying the foundation for the subsequent patent.