

# ADARSH PANDEY

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## PROFESSIONAL SUMMARY

Backend Developer specializing in scalable, AI-powered web applications using Python, Django, MySQL, and PostgreSQL. Proven track record of building production-ready applications with RESTful APIs, authentication systems, and database optimization. Strong problem-solving abilities with experience in full-stack collaboration and AI integration. Currently pursuing MCA from AKTU with distinction in BCA.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, SQL, HTML/CSS

**Frameworks & Libraries:** Django, Django REST Framework, React

**Databases:** MySQL, PostgreSQL, Database Design & Optimization

**Tools & Technologies:** Git, REST APIs, Authentication Systems, File Handling, CRUD Operations

**AI/ML:** AI Integration, Natural Language Processing, Automation

**Soft Skills:** Problem Solving, Debugging, Team Collaboration, Event Organization

## KEY PROJECTS

**AI Notes Summarizer** — *Python, Django, AI Integration, PostgreSQL* 2024

- Developed an intelligent web application enabling users to upload text/files and generate AI-powered summaries with 90% accuracy
- Implemented full CRUD functionality, user authentication, secure file upload system, and multi-format export capabilities
- Designed and optimized PostgreSQL database schema to handle concurrent user sessions and large file processing
- Built RESTful APIs for seamless frontend-backend communication and integrated third-party AI services

**Real Estate Platform** — *Django, MySQL, REST APIs, Team Development* 2024

- Engineered a property listing platform with advanced search, filtering, and user authentication features
- Designed MySQL database architecture supporting property listings, user profiles, and transaction management
- Developed RESTful APIs for property management, user operations, and real-time data synchronization
- Collaborated in an agile team environment, conducting code reviews and maintaining 95% code coverage through testing

## EDUCATION

**Master of Computer Applications (MCA)** August 2025 – June 2027

Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow, India

**Bachelor of Computer Applications (BCA) – Distinction** August 2022 – June 2025

Prof. Rajendra Singh (Rajju Bhaiya) University, Prayagraj, India

*Certificate of Academic Excellence*

## CERTIFICATIONS & ACHIEVEMENTS

- Python Certification** – Softronic Automation (Industry-recognized programming certification)
- Certificate of Academic Excellence** – Awarded for outstanding academic performance in BCA program
- Strong foundation in Higher Education practices and Student Discipline methodologies

## ADDITIONAL INFORMATION

**Languages:** Hindi (Native), Avadhi (Native), English (Professional Working Proficiency)

**Interests:** Exploring emerging technologies, AI innovations, web development trends, technical event organization