

# ABHISHEK PANDEY

Pratapgarh, Uttar Pradesh

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## EDUCATION

**Dr. A.P.J. Abdul Kalam Technical university**  
*B.Tech - CGPA - 7.92*

**Jul 2022 – Jun 2026**

*Lucknow, Uttar Pradesh*

## COURSEWORK

- Data Structures & Algorithms
- OOPS Concept
- DBMS
- Machine Learning
- Computer Network
- Operating Systems

## INTERNSHIP & TRAINING

**AppWeave Labs** 📁

**16 jun 2024 – 30 Sept 2024**

*Full Stack Developer Intern*

*Remote*

- Developed an e-commerce platform using Next.js, Medusa, PostgreSQL, and Chakra UI, enabling seamless product management and checkout experience.
- Achieved faster product search by integrating Medusa with PostgreSQL, Redis improving overall query performance.
- Worked with technologies including Next.js, PostgreSQL, Chakra UI, Jest, Git, GitHub, Redis, Docker, Node.js, TypeScript, and GraphQL.

## PROJECTS

**Koshish Welfare** 📁 | MERN, JWT

**Apr 2025**

- Led a team to design and deploy a full-stack Society Web application for Koshish using the MERN stack, managing task distribution, code reviews, and deployment workflows to ensure timely delivery and scalability on Vercel.
- Building core modules such as dynamic content systems for news, gallery, members, and events, aimed at enhancing organizational efficiency.
- Developed an admin panel for Koshish featuring access-controlled co-curricular tools, rich media sections for announcements and documentation, and structured family data records for improved operational workflows.

**Salary Management System** 📁 | MERN, JWT

**Aug 2024**

- Led a Salary Management System handling payroll for over 100 employees, automating salary calculations and reducing manual errors by 5%.
- Added secure login and role-based access control, enhancing data protection and ensuring only authorized admins and co-admins manage payroll, improving system security by 80%.
- Integrated automated salary receipt generation and payment history tracking, cutting down payroll processing time and increasing transparency for auditing purposes.

**EPS Prediction** 📁 | Python, Machine Learning, Flask

**March 2024**

- Designed an EPS prediction model using Random Forest, achieving a Mean Absolute Error (MAE) of 2.3 and improving  $R^2$  score to 0.87 through hyperparameter tuning.
- Processed and analyzed historical financial data, resulting in a 15% increase in model precision by applying feature selection and engineering techniques.

## TECHNICAL SKILLS

**Languages:** C, C++, JavaScript, SQL, NoSQL, HTML, CSS

**Developer Tools:** VS Code, Git, Github, Docker, Linux

**Technologies/Frameworks:** ReactJS, Redux, NextJS, NodeJS, ExpressJS, MongoDB

## EXTRACURRICULAR

**Software Development Club, REC ABN** 📁

**Jan 2024**

*Mentor*

*Ambedkar Nagar, UP*

- Mentored 100+ students in debugging Data Structures and Algorithms code.
- Ensured program efficiency by providing targeted coding assistance.

**Koshish Welfare & Education Society** 📁

**Oct 2022**

*Mentor & Executive Member*

*Ambedkar Nagar, UP*

- Serving as an Executive member, contributing to strategic decision-making and organizational leadership.
- Mentored 15 intermediate students in Physics, achieving a 7% improvement in exam scores through personalized instruction and focused study techniques.