Abhishek Pandey

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EDUCATION

Dr. A.P.J. Abdul Kalam Technical univercity   **Jul 2022 – Jun 2026**
*B.Tech - **CGPA - 7.92***   *Lucknow, Uttar Pradesh*

COURSEWORK

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

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, radis 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 ⎋ | MERN, JWT   **Apr 2025**

- Led a team to design and deploy a full-stack Society Management System for Koshish using the MERN stack, managing task distribution, code reviews, and deployment workflows to ensure timely delivery and scalability on Vercel.
- Integrated core modules including role-based mentor management, media-enabled event and announcement systems, and real-time community engagement tools to streamline operations and enhance user experience.
- Implemented JWT-based authentication for role-based access control, ensuring secure access for cocirculer, teacher, and coordinator.

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 90%.
- 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 by 60% 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.