

# ASHUTOSH PANDEY


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## OBJECTIVE

Aspiring software developer with strong interest in web development and problem-solving. Seeking to contribute to collaborative projects and grow through real-world software experience.




## EXPERIENCE

- **Techplement**  March 2025 – April 2025  
Frontend Development Intern Remote, India
  - Built a responsive online course platform using HTML, CSS, and JavaScript, demonstrating ownership and initiative.
  - Selected for 6-member team; co-developed a **Multi-Category Calculator** app with financial, fitness, scientific, and algebraic tools.
  - Designed a dynamic dashboard UI and led the development of the **financial calculator** section.

## EDUCATION

- **Dr. A.P.J. Abdul Kalam Technical University (AKTU)** Sep 2022 – July 2026  
B.Tech in Computer Science, ITS Engineering College Greater Noida, UP, India
  - GPA: 7.3
- **Ebenezer Higher Secondary School (MP Board)** Apr 2020 – Mar 2021  
Senior Secondary (Class XII) Banmore, Morena, India
  - Percentage: 92.0%
- **Ebenezer Higher Secondary School (MP Board)** Apr 2018 – Mar 2019  
Secondary Education (Class X) Banmore, Morena, India
  - Percentage: 91.8%

## PROJECTS

- **CineAI: A Movie Recommendation Platform** 2026   
Tech Stack: React, Node.js, Express, MongoDB, Firebase, Tailwind CSS, Framer Motion, Gemini API
  - Integrated Gemini API to build a GenAI-powered engine suggesting personalized movie recommendations based on user activity.
  - Designed a secure full-stack flow with Firebase Auth and Express, enabling real-time liked/saved movie management per user.
  - Deployed production-ready React app on Render with Framer Motion for smooth transitions and Express-based static routing.
- **SamajhAI: Smart Detection Frontend Tool** 2025   
Tech Stack: React, React-Image-Magnify
  - Created dashboard UI for 9 smart modules like ANPR, Face Recognition, etc.
  - Used React-Image-Magnify to improve zooming experience for number plates.
- **SkillStack: Interactive Course Platform** 2025   
Tech Stack: HTML, CSS, JavaScript
  - Built a responsive, single-page platform showcasing tech courses with card UI.
  - Each card redirects to a detail page with embedded videos.

## PATENTS AND PUBLICATIONS

- [J.1] Sourabh Kumar, Ashutosh Pandey, Dr. Vikram, Dr. Akash Kumar Shukla, Ayush Rajawat. **"AI-Driven Optimization for Semiconductor Nanodevice Modeling"**, *IJRTI*, Vol. 10, Issue 3, pp. c291–c294, March 2025.

## SKILLS

- **Programming Languages:** C, C++, JavaScript, Python
- **Web Technologies:** HTML, CSS, JavaScript, TailwindCSS, ReactJS, NextJS, NodeJS, ExpressJS
- **Database Systems:** MongoDB, MySQL
- **DevOps & Tools:** Git, GitHub, npm, Docker