

AYAN PANDEY

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Education

ABES Engineering College

Bachelor of Technology in Information Technology

Oct. 2023 – Present

Ghaziabad, UP

Technical Skills

Languages: JavaScript, C, Java

Frameworks & Libraries: React.js, Node.js, Express.js

Databases: MongoDB, Supabase

Authentication & Security: JWT, Supabase Authentication, OAuth

Developer Tools: VS Code, Visual Studio, Git, GitHub, Postman, Docker

Projects

SkillBoard

Analytics Dashboard Website

Live Website — GitHub Repository

React, Node.js, Python (Flask, Beautiful Soup), Supabase

- Built a platform that aggregates competitive programming statistics from CodeChef, Codeforces, LeetCode, and GitHub.
- Implemented parallel microservices to fetch data concurrently, improving retrieval speed by **40%**.
- Unified data from 3+ platforms, cutting user progress-tracking time by **90%**.
- Developed a responsive React + Tailwind dashboard that increased user engagement by **30%**.
- Integrated Supabase for secure authentication and seamless user data management.

AppUi

React UI Component Library

Live Website — GitHub Repository

React, Vite, JavaScript, Tailwind CSS

- Built AppUi — a frontend component library with 15+ reusable React components and integrated code snippets.
- Reduced UI development time by **60%** through centralized, production-ready components.
- Improved integration speed by **40%** using a dynamic component selector and instant code previews.
- Ensured fully responsive and consistent designs with Tailwind CSS, reducing UI issues by **30%**.

SmartStock

Full-Stack Inventory Automation Tool

Live Website — GitHub Repository

React, Vite, Tailwind CSS, Supabase, Google Sheets API

- Developed a full-stack inventory system with real-time analytics and automated stock tracking.
- Reduced manual data entry by **70%** using optimized workflows and a structured dashboard.
- Integrated Google Sheets API for one-click imports, reducing onboarding time by **90%**.
- Built a data-driven analytics dashboard that improved inventory decision accuracy by **30%**.

Achievements

Competitive Programming

Ongoing

1650+ Rated (3) on CodeChef

- Achieved global contest ranks **2** and **20**, outperforming **99.95%** and **99.5%** of participants.

Smart India Hackathon (SIH)

2024–26

- Selected in SIH internal rounds for **two consecutive years** among 300+ teams.

DataVerse Hackathon

2024

- Qualified to Round 1 among 500+ participating teams.

Leadership / Extracurricular

E-Cell, ABES EC

2024 – Present

Event Coordinator

- Organized the flagship **TES 3.0** summit, managing logistics and coordinating with 400+ participants.

Sports Achievements

Ongoing

- **Gold:** Kho-Kho, Tug of War — **Silver:** Lawn Tennis, Shot Put