

Aditya Shukla

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SUMMARY

Full-stack developer with a strong CS foundation and hands-on experience in building scalable web apps using MERN stack and OpenAI APIs. Delivered 3+ production-grade projects with JWT, OAuth, RBAC, and RESTful APIs, improving user workflows and automation. Proficient in DSA, OOP, system design, and AI tools like LangChain and FAISS. Active open-source contributor with 300+ DSA problems solved and a focus on AI-driven development.

EDUCATION

B.Tech in Computer Science and Engineering (Artificial Intelligence) Pranveer Singh Institute of Technology | 2022 - 2026 | CGPA: 7.8

TECHNICAL SKILLS

Languages: Python (Primary), JavaScript, Java, C++, SQL
Frontend: React.js, Next.js, Tailwind CSS, Bootstrap
Backend: Node.js, Express.js, Firebase
Database: MongoDB, SQL
Tools: Git, GitHub, VS Code, Postman, REST APIs, CI/CD (GitHub Actions), Docker, Netlify, Vercel
Core CS Concepts: Data Structures & Algorithms, Object-Oriented Programming (OOP), Database Management Systems (DBMS), System Design
Soft Skills: Leadership, Task Organization, Public Speaking

PROJECTS

- FlowPilot:** React.js, Node.js, Express.js, MongoDB, TypeScript, Tailwind CSS, Google OAuth, JWT, Mongoose, Chart.js, REST APIs. **GitHub (ongoing)**
- Developed a production-grade project management platform using **MongoDB, Express.js, React.js, and Node.js** with modular architecture.
 - Implemented **Google OAuth 2.0 authentication**, role-based access control (RBAC), and multi-tenant **workspace isolation** for real-world collaboration.
 - Enhanced team productivity by **~40%**, reduced management friction by **30%**, and improved user onboarding speed by **50%** with SSO integration.
- StudyNotion:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB, JWT Authentication. **GitHub**
- Built **StudyNotion**, a full-stack Learning Management System using the **MERN stack**, with features like **secure OTP-based authentication, role-based dashboards, and Razorpay payment integration**.
 - Integrated **email notifications** and optimized user flow, leading to a **60%+ improvement in course management efficiency** and enhanced user engagement.
- Jarvis Assistant:** Python, SpeechRecognition, pyttsx3, venv, pip, and cross-platform scripting for Windows, macOS, and Linux. **GitHub**
- Developed **Jarvis**, a cross-platform intelligent assistant using **Python**, integrating **machine learning and NLP** to automate tasks and respond to voice commands.
 - Achieved a **70% reduction in manual task time** by automating daily routines, with a **90%+ accuracy** in command recognition across Windows, macOS, and Linux

ACHIEVEMENTS

- Contributed to 3+ open-source projects; PR merged into a 1K★ GitHub repo
- 5-star rated in DSA on HackerRank; solved 300+ problems on LeetCode/Codeforces
- Built and deployed 3+ full-stack/AI projects tailored for product-based interviews
- Completed DeepLearning.AI's AI for Everyone and LangChain courses
- Built a smart PDF Q&A assistant using LangChain, OpenAI, and FAISS (90%+ accuracy)

CERTIFICATIONS

- HackerRank: Problem Solving (Intermediate), FrontEnd Developer (React)
- AI For Everyone – DeepLearning.AI
- Infosys Springboard: Python
- Salesforce: AgentForce