

ASHUTOSH PANWAR

AI & Machine Learning Developer | Java & Python | Android Development

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

PROFESSIONAL SUMMARY

Computer Science Engineering graduate (final result awaited) with practical experience building Android, Firebase, database-driven, and AI-assisted applications. Artificial Intelligence Intern at CodeAlpha with certified knowledge of Generative AI, LLM and RAG concepts. Strong foundation in Java, Python, data structures, OOP, SQL, debugging, and end-to-end project delivery.

TECHNICAL SKILLS

AI & Data	Applied AI/ML, Generative AI, LLM & RAG, MySQL, MongoDB, SQLite
Languages	Python, Java, C, C++, JavaScript, C#
Development	Android, Firebase, Next.js, React, TypeScript, Git, GitHub, Vercel
Core CS	Data Structures & Algorithms, OOP, CRUD, debugging, code review

INTERNSHIP

Artificial Intelligence Intern - CodeAlpha

- Worked with applied AI and machine learning concepts, prompt-driven workflows, and structured problem solving.
- Strengthened practical understanding of building, testing, and documenting AI-focused software projects.

FEATURED PROJECTS

VitaFit - AI Fitness Tracker | Java, Android, Firebase, Gemini AI | [View Project](#)

- Built an Android fitness tracker with authentication, workout history, statistics, reminders, dark mode, and PDF/CSV exports.
- Integrated a multi-tool AI fitness assistant for chat, workout planning, diet guidance, recommendations, and progress analysis.

Flashcard Quiz App | Java, Android, SQLite | [View Project](#)

- Developed an interactive question-and-answer study app with next/previous navigation and Dark Mode.
- Implemented SQLite-backed CRUD operations for creating, editing, viewing, and deleting flashcards.

Professional Developer Portfolio | Next.js, React, TypeScript, Vercel | [View Project](#)

- Designed and deployed a responsive portfolio presenting projects, skills, education, credentials, and contact links.
- Connected GitHub-based automatic deployments through Vercel for maintainable production updates.

ADDITIONAL PROJECTS

Campus/Hostel Complaint Management System | MySQL, Role-Based Workflow

- Designed an auditable complaint database with role-based access and raised, in-progress, and resolved status tracking for administrators.

Waste Management System Using CCTV and Notifications | Detection, Alerts, Workflow Automation

- Built a real-time monitoring and alert concept to reduce manual inspection and route timely notifications to the responsible team.

EDUCATION

B.Tech, Computer Science Engineering	08/2023 - 2026
Institute of Technology, Gopeshwar - Coursework completed, final result awaited	
Diploma, Civil Engineering	08/2023
Government Polytechnic, Srinagar Garhwal	
Intermediate (PCM)	07/2020
Government Inter College, Srinagar, Pauri Garhwal	

CERTIFICATIONS

- Generative AI, LLM & RAG - GeeksforGeeks Skill Up
- Full Stack Web Development - GeeksforGeeks Skill Up
- Java and C++ Training Programs - SLOG Solutions
- Programming in C# - Udemy

LANGUAGES

English, Hindi