

Ayush Sharma

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SUMMARY

Product-focused Computer Science undergraduate experienced in building scalable full-stack systems, real-time dashboards, and cross-platform applications. Strong problem-solving skills with hands-on exposure to SaaS, PWA, and API-driven architectures. Interested in AI-driven products and fast-paced startup environments.

EDUCATION

GLA University, Mathura June 2027
Bachelor of Technology in Computer Science and Engineering (CSE) 80.5%

TRAINING EXPERIENCE

App Developer Trainee – W3Grads Online
Android Development (Flutter & Firebase) June 2025 – July 2025

- Developed and maintained cross-platform Android applications using **Flutter** and **Firebase**.
- Collaborated with cross-functional teams to design and deliver production-ready features.
- Improved application performance by **30%** through optimization and efficient state management.

PROJECTS

GCG – GLA Coding Group (SaaS PWA Platform) Nov 2025 – Present

- Developed a **full-stack SaaS Progressive Web App (PWA)** for the GLA University coding community with open-access resources and a live leaderboard.
- Integrated **LeetCode** and **Codeforces APIs** to build a **real-time leaderboard** using a custom ranking algorithm based on solved problems and ratings.
- Implemented **offline support, caching, and auto-updates** using Service Workers and Workbox for fast, reliable cross-platform access.
- Designed a modern, responsive UI using **React, Vite, and Tailwind CSS** with performance-focused rendering.
- Built and deployed scalable REST APIs with **Node.js, Express, and MongoDB**.
- **Tech Stack:** React, Vite, Tailwind CSS, Node.js, Express, MongoDB, PWA, REST APIs, Git, GitHub, Vercel, Render

MediConnect – Secure Digital Platform Oct 2025

- Built a full-stack digital healthcare solution within 48 hours; shortlisted as finalist among 160+ teams.
- Developed user-friendly interfaces using **React.js** and **Flutter**, focusing on usability and accessibility.
- Designed secure **REST API** flows using **Node.js/Express** with **JWT auth** to support role-based user journeys.
- Integrated **ML prediction workflows** to automate early insights and enhance user decision-making.
- Improved system reliability through modular architecture, fault tolerance, and clean API contracts.
- **Tech Stack:** React, Flutter, Node.js, Express, MongoDB Atlas, Python, JWT, REST APIs

BeFit- A Fitness Application Jul 2025

- Developed a fitness app with secure authentication and personalized dashboards.
- Integrated **Firebase Authentication** and **Firestore** for reliable real-time data sync.

TECHNICAL & PRODUCT SKILLS

Languages: Python, Java, C, JavaScript, TypeScript, Dart, SQL
Frameworks: React.js, Node.js, Express.js, Flutter, Tailwind CSS, Streamlit
Databases & Cloud: MongoDB Atlas, Firebase, MySQL
ML & Data: Pandas, NumPy, Scikit-learn, XGBoost, Plotly
Tools & Product: Git, GitHub, Postman, CI/CD, Jupyter, Agile, Figma (basic)

ACHIEVEMENTS

Competitive Programming: CodeChef 2 (1554) — Codeforces 1431 — LeetCode 1440+ with 400+ problems solved.
Deviathon 2025 Finalist: Ranked **11th** among 160+ teams nationally.

CO-CURRICULAR

Participated in **WEBX 2025**, focusing on scalable front-end engineering and UI design challenges.