

Ayush Sharma

+91 6396168485 | ayusharma1706@gmail.com | ayusharma17 | AyuSharma176

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 <i>Bachelor of Technology in Computer Science and Engineering (CSE)</i>	June 2027 80.5%
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TRAINING EXPERIENCE

App Developer Trainee – W3Grads <i>Android Development (Flutter & Firebase)</i>	Online 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.