

Anushka Sharma

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PROFILE

Final-year B.Tech Computer Science student (2026) with strong foundations in software development and hands-on experience across the SDLC through academic and self-driven projects. Skilled in backend development (Node.js, REST APIs, PostgreSQL) with exposure to cloud and containerized deployments. Analytical problem-solver with strong communication skills.

EDUCATION

B.Tech – Computer Science & Engineering

KIET Group of Institutions, Ghaziabad | Sep 2022 – Jun 2026

Holy Child School

Class XII (ISC), 2022 – 85% | Class X (ICSE), 2020 – 85%

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL, C++

Frameworks & Backend: React, Next.js, Node.js, Express, REST APIs

Databases: PostgreSQL, MongoDB

Data & Analytics: Power BI, Pandas, NumPy, Matplotlib

Tools & Practices: SDLC, Git, Docker, AWS , Kubernetes (basic)

PROJECTS

NotesVerb – Microservices Note-Taking API [- link](#)

- Designed a scalable microservices-based backend with dedicated services for authentication, notes, notifications, and an API gateway.
- Built secure **REST APIs using Node.js, PostgreSQL, JWT, and Redis caching** to improve performance and responsiveness.
- Deployed containerized services using Docker and Kubernetes, ensuring scalability, high availability, and efficient service management.

Haven – Journal & Mood Analytics Application [- link](#)

- Built a full-stack journaling and collection management web application using **Next.js, React, Tailwind CSS, and PostgreSQL**
- Designed features for creating, organizing, and searching journal entries with **basic mood analytics and collections**
- Implemented responsive UI, structured data models, and deployed the application , following SDLC best practices

Habit Tracking Mobile Application [- link](#)

- Built a cross-platform mobile application using **React Native and Expo** to create and track daily habits.
- Implemented **secure authentication and real-time data synchronization** to reliably store user progress.
- Designed clean **user flows and data models** to ensure a smooth and stable experience across device

Credit Card Customer Analysis – Power BI [- link](#)

- Analyzed credit card transaction and customer data to identify spending patterns, usage trends, and key risk indicators
- Cleaned and transformed datasets **using Python (Pandas, NumPy)** to ensure data accuracy and consistency
- Designed **interactive Power BI dashboards with KPIs and visualizations** to support data-driven decision-making

Certificates & Badges

- **AWS Cloud Foundations Badge** – Amazon Web Services
- **Cisco Networking Essentials Badge** – Cisco
- **Power BI for Data Analysis** – Coursera