

Atharva Kale

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Education

VIT Bhopal University

-May 2026

CGPA: 8.80

Class XII (CBSE)

-June 2022

CGPA: 7.79

Class X (CBSE)

-June 2020

CGPA: 8.63

Technical Skills

Programming: Java, JavaScript, Python, SQL, MySQL, MongoDB, HTML, CSS

Cloud: Firebase, Appwrite, AWS (Basic)

Frameworks: React, Node.js, Express

Concepts: DSA, OOP, API Development

Tools & Others: Git, Version Control Tools

Projects

Conversational AI with LangChain & Pinecone — Python, LangChain, Groq, Pinecone

Feb 2025 – Mar 2025

- Designed a RAG-based Q&A system leveraging Groq for efficient inference and Pinecone for scalable vector storage.
- Implemented semantic search using embeddings to refine query relevance.
- Enhanced retrieval latency through refined text chunking and indexing strategies.
- Improved maintainability by modularizing code components and enhancing documentation.

Subscription Management System API — Node.js, Express, MongoDB

Feb 2025 – Mar 2025

- Developed a scalable API to manage user subscriptions and transactions securely.
- Strengthened security by integrating JWT authentication and role-based access control.
- Automated subscription reminders via email, supporting improved user engagement.
- Streamlined database query performance using effective indexing techniques.
- Boosted code reliability by writing unit tests for critical modules.

StoreIt – Cloud Storage Platform — Next.js, Appwrite, TailwindCSS, ShadCN

Nov 2024 – Jan 2025

- Orchestrated a secure cloud storage platform with real-time notifications and user-friendly dashboard.
- Introduced reusable UI components, reducing development time by approximately 10%.
- Revamped API performance by implementing caching and enhancing data retrieval.
- Enabled scalable file storage solutions through integration with Appwrite backend services.

BookStore — Node.js, Express, React, MongoDB, Firebase

Aug 2024 – Oct 2024

- Built a full-stack MERN application with user authentication and comprehensive book catalog management.
- Integrated Firebase for real-time data sync and secure authentication workflows.
- Engineered a responsive frontend with dynamic search, filtering, and shopping cart functionality.
- Designed RESTful APIs to manage inventory and process orders efficiently.
- Enhanced frontend code quality and reduced bugs through targeted refactoring and testing.

Certifications

- Cloud Computing -NPTEL Online Certification
- SMARTBRIDGE - MERN Certification (MongoDB Node.js Developer Path)
- AWS Cloud Practitioner (In Progress)

Academic and Extracurricular Achievements

- Solved over **300** coding problems on LeetCode, showcasing advanced algorithmic proficiency.
- Ranked in the **top 5%** in the NPTEL Cloud Computing course, demonstrating subject expertise.

Hobbies

Photography, Sketching, Trekking