

Aditya Poduval

adipoduval5@gmail.com | Kochi, Kerala, India | github.com/HdKe1 | linkedin.com/in/aditya-poduval5

Computer Science undergraduate building full-stack and AI-driven applications, with hands-on experience across React, Python, and cloud-hosted deployments.

Education

VIT Bhopal University | B.Tech Computer Science | Oct 2022 – Present | 8.45 GPA

Rajasree SMM High School | CBSE Class XII | Jun 2020 – May 2022

Internships

Full Stack Development Internship (MERN Stack) | Jan 2025 – Apr 2025 | SmartBridge, in partnership with MongoDB

- Built full-stack applications using MongoDB, Express, React, and Node.js, fulfilling all project work requirements
- Completed the internship program end-to-end and earned a Certificate of Completion (Certificate ID: CC-FSD-2025-12453)

Technical Projects

Historia Snippets | 2026 | React, Python, Postgres

- Built a web platform that reorganizes the 37-volume Historia Naturalis by Pliny into bite-sized, easy-to-read snippets
- Designed a tagging and review system so readers can track progress and revisit key passages
- Implemented a React frontend backed by a Python service and a PostgreSQL database

Semantic Search Optimizer | 2026 | Python, AI

- Built a semantic search optimizer for an F1 drivers dataset, going beyond basic keyword matching
- Applied fine-tuned models to improve search relevance and result ranking
- Delivered as an interactive Python notebook demonstrating the search pipeline end-to-end

YouTube Video Classifier | 2025 | HTML, CSS, Python, GitHub Actions, Postgres

- Built a tool that generates video transcripts with AI and classifies videos by keyword themes
- Automated the classification pipeline with GitHub Actions and stored results in PostgreSQL
- Built the frontend with HTML/CSS on top of a Python backend service

Extracurricular Activities

Android Club VIT Bhopal | Oct 2023 – Jan 2025 | Co-Lead, SDC Department

- Led the Software Development Cell (SDC) department as Co-Lead, overseeing web development initiatives
- Contributed to developing the club's official website, achieving over 1,000+ impressions
- Organized and conducted 10+ technical workshops on web development and software development competitions for 300+ students

Technical Skills & Certification

Languages: TypeScript, Java, Python, C, SQL | **Frameworks:** React, Node.js, FastAPI | **Infra:** Docker, Postgres, AWS, Render

Certifications: AWS Certified Cloud Practitioner, Salesforce (13 Superbadges in Trailhead)

Interests

Football, Formula 1, Science Fiction novels