

# Aashiq Edavalapati

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## Summary

Computer Science undergraduate with strong backend and cloud fundamentals. Experienced in designing scalable APIs, secure authentication systems, and efficient database schemas. Built and deployed full-stack and cloud-native applications using Node.js, Next.js, MongoDB, PostgreSQL, GCP, and Docker. Active problem solver with 600+ LeetCode problems and open-source contributions. Passionate about backend engineering, distributed systems, and building reliable developer-focused tools.

## Education

**Amrita Vishwa Vidyapeetham**, Coimbatore, India 2023–2027

*B.Tech Computer Science and Engineering*

**CGPA: 8.59**

**Relevant Coursework:** Data Structures & Algorithms, Algorithms Design, OOP, DBMS, Operating Systems, Computer Networks, Computational Problem Solving

**Clubs:** Google Developer Student Club, Intel IoT Club

## Technical Skills

- **Programming:** Python, Java, JavaScript, C, SQL
- **Backend:** Node.js, Express.js, Spring boot, REST APIs, JWT Authentication, Google OAuth
- **Frontend:** HTML, CSS, React.js, Next.js
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Cloud & DevOps:** Docker, GCP (Cloud Run, Artifact Registry)
- **Tools:** Git, GitHub, Postman, VS Code, Linux

## Projects

- **Gradia** | Next.js, Node.js, Express.js, MongoDB, GCP, Python [Gradia](#)
  - Developed frontend UI, scalable backend APIs, and MongoDB schemas for an AI-powered exam evaluation platform.
  - Integrated Python-based grading pipeline using RAG, Gemini API, and Vision OCR to evaluate typed & handwritten answers.
- **AgriChain** | Next.js, Express.js, PostgreSQL [GitHub](#)
  - Implemented frontend pages, REST API design, PostgreSQL schema, authentication, and end-to-end integration.
  - Deployed complete application with efficient routing between the Next.js frontend and Express backend.
- **Link-Us** | Python, DSA [GitHub](#)
  - Built a friend recommendation engine using weighted heuristics and a custom priority queue (Max Heap).
  - Designed a modular CLI-based application implemented as part of the university DSA course.

## Achievements

- **3rd Place - Hack Beyond Limits** (Feb 2024): Developed agricultural supply chain solution in 24 hours.
- **Amrita Winter of Code** (Dec 2024–Feb 2025): Contributed frontend fixes and responsiveness improvements.
- **Anokha 2024:** Managed logistics for multiple tech events and assisted in Gen AI workshop.
- **LeetCode:** Solved 600+ problems, 125-day streak, 350+ community upvotes.

## Certifications

- **Problem Solving (Basic)** – HackerRank
- **Java (Basic)** – HackerRank
- **Python (Basic)** – HackerRank