Aashiq Edavalapati

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Summary

Passionate Computer Science student focused on developing real-world solutions through AI, Data Analytics, and problem-solving. Experienced in building impactful projects including a blockchain-based agricultural supply chain solution. Active open-source contributor with 590+ LeetCode problems solved. Driven to create innovative tech solutions addressing real-life challenges.

Education

Amrita Vishwa Vidyapeetham, Coimbatore, India   2023 - 2027 (Expected)

B.Tech Computer Science and Engineering   **CGPA: 8.81**

Relevant Coursework: Data Structures & Algorithms, Design & Analysis of Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, User Interface Design, Linear Algebra, Probability & Statistics

Clubs: Google Developer Students Club, Intel IoT Club

Technical Skills

- **Languages:** Python, Java, JavaScript, C, C++, MySQL, Bash, Go
- **Web Development:** HTML, CSS, Node.js, React.js, Next.js, Express.js
- **Tools & Technologies:** Raspberry Pi, ESP32, Arduino UNO, GitHub, Git, VS Code, Linux
- **Core Concepts:** Data Structures & Algorithms, DBMS, Object-Oriented Programming, OS, Problem-Solving

Projects

- **AgriChain** | React.js, Express.js, Node.js, Blockchain, PostgreSQL   GitHub
  - Led frontend development and built Express APIs for a blockchain-powered agricultural supply chain system
  - Integrated frontend with backend and database connections, securing 3rd place at Hack Beyond Limits 2024

- **Link-Us** | Python, collections, datetime   GitHub
  - Engineered a friend recommendation system using weighted factors (FoF: 30%, mutual friends: 25%, hobby similarity: 25%, popularity: 20%)
  - Implemented a custom Priority Queue (Max Heap) for ranking recommendations in a Python-based social networking platform

- **LuxeRideRentals** | HTML, CSS, JavaScript, Node.js, Electron   GitHub
  - Developed frontend, implemented login authentication with Node.js fs module, and created backend functionality for a vehicle rental desktop application with real-time pricing updates

- **Portfolio Website** | React.js, CSS, Node.js   Portfolio
  - Created a responsive personal portfolio showcasing projects, skills, and achievements with interactive elements

Achievements

- **3rd Place - Hack Beyond Limits** (Feb 2024): Developed a blockchain solution for agricultural supply chain
- **Amrita Winter of Code** (Dec 2024 - Feb 2025): Implemented Dash Table in Go and improved the Winter of Code Leaderboard website's responsiveness and functionality
- **Anokha 2024** (Sep - Oct 2024): Managed logistics for multiple tech events including Quest Nexus and Design Verse; facilitated the Gen AI workshop by Binari Intelligence
- **LeetCode Achievement**: Solved 590+ problems, maintained 125-day streak, posted 26 solutions with 300+ upvotes

Certifications & Courses

- **CyberSecurity Professional Certificate** - Google (Dec 2024)   Verify
- **Google Cloud Data Analytics** - Google (Ongoing)
- **CS50's Introduction to AI with Python** - Harvard (Ongoing)