



ATUL R

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Career Objective

Aspiring computer science engineer with a strong foundation in coding and competitive programming. Passionate about problem-solving and aiming to secure a high-paying tech job. Seeking opportunities to apply my skills in data structures, algorithms, and software development while preparing for global coding competitions like ICPC.

Education

B.Tech in Computer Science and Engineering

Amrita Vishwa Vidyapeetham, Amritapuri
(2024 - 2028)

- Current Semester: 2
- Relevant Courses: Data Structures & Algorithms, Object-Oriented Programming (Java & C++), Competitive Programming

Technical Skills

- **Programming Languages:** Python, C++, Java (beginner)
- **Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming, Competitive Programming
- **Development:** Arduino (for IoT projects), Web Development (basic)

- **Tools & Platforms:** Git, VS Code, Linux, Competitive Programming Platforms (Codeforces, Leetcode, CodeChef)

Projects

Temperature-Controlled Fan (IoT Project)

- Developed an Arduino-based fan control system that adjusts speed based on temperature.
- Collaborated with a team of three, implementing sensor integration and automation.

Library Management System (Java OOPs Project)

- Implemented a basic library system using Java OOP concepts like classes, objects, and control statements.
- Features included book borrowing, returning, and user authentication.

E-Commerce System (Java OOPs Project)

- Designed a simple e-commerce application in Java with product listings, cart functionality, and order processing.

- Demonstrated understanding of constructors, methods, and file handling.

Achievements & Extracurriculars

- **ICPC Preparation:** Actively preparing for the ICPC World Finals, focusing on algorithmic problem-solving.
- **Guitarist:** Passionate about music and proficient in playing the guitar.
- **Tech Fest Volunteer (Vidyut'25):** Group Head of Vidyut Stalls team, managing exhibition stalls.
- **Marketing & Entrepreneurship:** Part of Catalyst, an advertising/marketing startup with a team of eight.
- **Public Speaking & Presentations:** Led a team for a presentation on Google's products & services.

Certifications & Learning

- **Data Structures & Algorithms (Ongoing)** – Learning DSA in Python with hands-on practice.
- **Competitive Programming (Ongoing)** – Training systematically for coding contests.
- **Professional Yoga Course (MAOM)** – Studied the role of meditation in communication and compassion-driven action.

Future Goals

- Excel in competitive programming and qualify for ICPC World Finals.
- Gain expertise in software development and advanced algorithms.
- Relocate and settle in Europe or America for a global career.

Personal Traits

- Strong analytical and problem-solving skills.
- Team player with leadership experience.
- Passionate about technology, coding, and entrepreneurship.