

ABHIJITH R PILLAI

+91 82818 60677 — abhijithrpillai2023@gmail.com — linkedin.com/in/abhijith-r-pillai — github.com/p1ll3chan

Profile Summary

Mechanical Engineering undergraduate with strong foundations in C++ and Python and a keen interest in Software Development and Data-Driven Analysis. Actively practicing competitive programming to enhance problem-solving and analytical thinking skills. Experienced in public speaking and mentoring peers in coding contests. Seeking opportunities to gain real-world exposure to technology and data-driven systems and contribute to impactful software solutions.

Education

Amrita School of Engineering, Amritapuri <i>B.Tech, Mechanical Engineering, CGPA: 7.53</i>	2023 – 2027
Bharatiya Vidya Bhavan, Thiruvananthapuram <i>Computer Science, Grade A</i>	2009 – 2023

Internship

Robotics Intern <i>InternsElite</i>	Apr 2024 – Jun 2024 <i>Remote</i>
<ul style="list-style-type: none">Built a Mini-Mobile Air Monitoring System prototype using TinkerCAD for real-time environmental monitoring.Completed a 12-week intensive training covering IoT, CAD modeling, and prototyping workflows.	

Technical Skills

Languages: C++, Python
Tools & Technologies: Git/GitHub, NumPy, SciPy
Core Concepts: Data Structures & Algorithms
Soft Skills: Leadership & Mentoring, Public Speaking, Team Collaboration, Problem-Solving, Project Management, Analytical Thinking

Leadership & Extracurricular Activities

Lead <i>ICPC@Amrita Club</i>	Current
<ul style="list-style-type: none">Observed that many peers lacked structured guidance in competitive programming.Realized that consistent mentorship and organized workshops could significantly improve problem-solving skills.Led a workshop and contests for 50+ participants, mentoring peers.	
Invited Speaker <i>ICPC AsiaWest Amritapuri</i>	2024
<ul style="list-style-type: none">Noticed that first-time participants struggled with contest strategies and efficient problem-solving.Recognized that sharing structured insights could boost their performance.Delivered an interactive session for 100+ participants, providing practical coding tips and strategies, receiving highly positive feedback.	
Vice President of Membership <i>Toastmasters Club</i>	2024
<ul style="list-style-type: none">Observed that club membership growth was stagnant and engagement could be improved.Realized that targeted outreach and active participation would increase involvement.Recruited 6+ new members within 12 months, delivered multiple speeches, and secured 3rd Place in Kerala Area Evaluation Contest 2024.	
Core Organizing Member <i>ICPC Asia Amritapuri Multi-Site Contest</i>	2024
<ul style="list-style-type: none">Noticed that participants faced logistical and technical issues during multi-site contests.Recognized that proactive planning and team coordination could ensure smooth execution.Managed helpdesk operations for 500+ participants, coordinated an 8-member team, and ensured seamless 3-day contest execution with zero technical issues.	

Additional Information

Languages: Malayalam (Native), English (Proficient), Hindi (Conversational)
Hobbies & Interests: Playing Badminton, Competitive Programming, Exploring Linux, Playing Mridangam

Honors & Awards

- **CodeChef Contest:** Achieved rank 3,776 out of 40,000 global participants, placing in top 10% worldwide (2025)
- **Codeforces Div. 1+2 Contest:** Achieved rank 5,508 out of 35,000 global participants, placing in top 16% worldwide (2024)
- **AtCoder Marubeni Programming Contest:** Secured rank 1,691 in global arena, demonstrating algorithmic prowess
- **AlgoHour 3.0 (Amity University):** Ranked 92nd nationally in competitive programming (2024)
- **Toastmasters Area Evaluation Contest:** Won 3rd Place in Kerala Area competing against 25+ skilled speakers (2024)
- **World Space Week 2023 (ISRO-VSSC):** Selected as delegate with National Rank under 45 from 5,000+ applicants

Certificates & Courses

- **GoForGold IOI Training Camp** – Newton School of Technology, 40-hour advanced algorithms (2025)
- **Graph Theory Masterclass** – AlgoUniversity, 30-hour network algorithms (2025)
- **Arduino & Embedded Systems** – Megara Robotics, 20-hour certification (2024)
- **CNC Machining Level-1** – Amrita TBI, hands-on training (2023)