

ABHILASH CHARY VADLA

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Professional Summary

Aspiring Software Engineer with strong foundations in DSA (LeetCode 1715, Top 12%), full-stack engineering, and AI-driven development. Proven ability to independently deliver enterprise-grade

software (Virat ERP) by applying Software Engineering principles, AI-assisted workflows, and direct client communication.

Recognized as a Capgemini Student Ambassador and Placement Coordinator, with achievements in hackathons, project expos, and entrepreneurial initiatives like Karmik Pro Gig Platform.

Core Skills

- Languages & DSA: C++, Java, Python, Data Structures & Algorithms
- Full-Stack Development: React, Supabase, Bolt, Netlify, PHP, MySQL.
- AI & Automation: Prompt Engineering, Workflow Automation, Speech-to-Text, Forgery Detection
- IoT & Embedded Systems: Arduino, Raspberry Pi, Radar-based sensing, Ultrasonic Sensors
- Tools: Git, AutoCAD, Power BI, Tableau, MS Office Automation
- Soft Skills: Client Communication, SE Principles, Leadership, Project Management

Professional Experience

Full-Stack Developer (Independent Project) – Virat ERP (2025)

- Designed & developed an Enterprise Resource Planning (ERP) system independently for a client company.
- Built from scratch with AI-assisted tools (Bolt, Supabase, Netlify) following SE principles.
- Deployed modules for inventory, HR, billing, reporting, and managed end-to-end client communication.

Managing Member & Intern – Winzera, Hyderabad (Oct 2023 – Jan 2024)

- Prepared technical reports & presentations for senior management.

Team Leader – Code Resol (Tech Community)

- Guided 50+ peers in coding contests and web/AI projects.

Placement Coordinator – CMR Technical Campus

- Coordinated student placement activities & industry engagements.
- Managed workshops and technical training programs.

Entrepreneurial Initiatives

Founder – Karmik Pro Gig Platform (2025)

- Conceptualized a hyperlocal gig platform connecting flexible workers with MSMEs & households.
- Drafted & presented the idea for MSME Hackathon 5.0, including proposals, block diagrams, and financial planning.
- Designed real-time workflows for job matching, payments, and client management.
- Showcased entrepreneurial mindset and scalability vision in workforce-tech innovation.

Key Technical Projects

- Virat ERP (Full Stack, AI-Assisted): Enterprise ERP built independently, deployed with Supabase/Netlify.
- Forgery Detector (AI/ML): ML model to detect document & image forgery.
- Speech-to-Text Converter (Python/AI): Real-time speech recognition system.
- Smart Communication Diagnostic Tool: AI-driven English learning system.
- Radar-based IoT Project (Arduino + Ultrasonic): Sensor-based detection system.
- Online Auction System (Java, DBMS).
- Supermarket Billing System (Java/C++).
- Currency Converter (Web/Desktop) & Chatbot with PHP Dictionary.

Competitive Programming

- LeetCode: Rating 1715 (Top 11.93%), 120+ problems solved, 190+ submissions.
- Smart Interviews: Global Rank 3008 / 45,717, Score: 34,413 , 3 phases (Top 3 Rank).
- CodeChef: Highest Rating 1209 (Div 4), 50+ problems solved.
- Other Platforms: Active on Codeforces, HackerRank, InterviewBit, Spoj.
- Focus Areas: Dynamic Programming, Divide & Conquer, Advanced DSA.

Education

- B.Tech, Computer Science & Engineering – CMR Technical Campus, Hyderabad (2023-2027) | SGPA: 9+
- Intermediate (IPE) – TSRJC Sarvail | GPA: 98.2%
- SSC – Akshara High School | GPA: 10/10

Certifications & Achievements

- Smart Interviews – Smart Coder (Gold Certified) | Rank: 3008/45717 (2025)
- Best Project Award – TIP Expo 2025, CMRTC
- Technovanza 4.0 Hackathon – Selected Participant (2024)
- IoT Workshops – Arduino, Raspberry Pi, Ultrasonic Sensors
- GamePros Workshop – 2D & 3D Game Development (2024)
- Engineers' Day Project Expo – Certificate of Merit (2023)
- Srinivasa Ramanujan Award – Mathematics & Intelligence (2019)

Leadership & Extracurriculars

- Capgemini Student Ambassador (2024–2025): Represented CMRTC in MNC initiatives, conducted workshops, tech sessions, and acted as a liaison between Capgemini & students. Promoted employability & digital innovation.
- Placement Coordinator, CMRTC – Managed student-industry engagement.
- Captain, Code Resol – Led coding community & innovation projects.
- Hackathons: Winner of 5+ inter-college coding competitions.