Radhika Arvind Sardeshpande

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Skills Summary

- **Languages**: Python (Advanced), C++ (Advanced), Java (Advanced), Solidity (Intermediate), Haskell (Beginner), R (Beginner)
- **Tools**: MySQL (Good), LaTeX (Beginner)
- **Soft Skills**: Leadership, Writing, Oratory, Time Management, Organizational Skills
- **Spoken Languages**: English (Full Proficiency), Hindi (Full Proficiency), Marathi (Native), Tamil (Basic)

Education

- **Vellore Institute of Technology** — Chennai, India
  Bachelor of Technology - Computer Science and Engineering; CGPA: 9.50 — July 2021 - June 2025
  - **Ranked 9th in the CSE Core Branch** : Academic Year 2021-22

Certification Courses

- AWS Certified Cloud Practitioner (Ongoing, Expected Completion by Nov 2023)
  Authorized by: Amazon Web Services (AWS)

- MERN Full-Stack (Ongoing, Expected Completion by Nov 2023)
  Authorized by: Ethnus Codemithra

Experience

- **WE Bootcamp** — IIIT - Hyderabad, Hyderabad
  Conducted as a part of the WE program by NSE TalentSprint and Google — December 2022
  Attended a two-week long camp on Computer Science, tools and programming languages like Go and Haskell

- **INSPIRE Science Camp** — SSN College of Engineering, Chennai, India
  Organised by the Department of Science and Technology, New Delhi — January 2020
  Attended a week long Science camp that involved lectures, demonstrations and experiments

- **Amrita InCTF - National Level Hacking Contest** — Amrita Vishwa Vidyapeetham, Amritapuri, India
  Among the top 50 participants at the National Level — Dec 2019
  Participated in the learn-hack-win contests and attended lectures on Cyber Security

Projects

- **SecureMed - Blockchain-based Project (ongoing)**:

  A group project (5 members) as a part of the WE Program, that aims at building a system to store medical records on a blockchain and their NFT Monetization. AI-Ml models will be used to analyze the records. I am developing the Solidity Smart Contracts for this project.
  Tool Chain: Solidity, Python, React.js, Web3.js
  Blockchain Platform: Polygon

- **Database Management System for an Airlines Company**:

  A group project (3 members) that involved creating modules to insert, update, display and delete data related to passengers, pilots and crew members of a particular flight. The program also selected efficient pilots, crew members and aircraft based on parameters like experience and health status.
  Tool Chain: Python (Version 3.8), MySQL

Honors and Awards

- Women Engineers (WE) Program Scholar (2022)
  A two-year program that provides scholarships and 1:1 mentorship to first-year women engineering students
- NPTEL Topper (Jan-Apr 2023) of the "Data Analytics with Python" course conducted by IIT - Roorkee
- Meritorious Award for academic performance in the year 2022 by the Vellore Institute of Technology
- School Topper for 8 consecutive years - 2011 to 2019
- SOF National Cyber Olympiad (2018) - Zonal Rank: 16, International Rank: 100

Voluntary Experiences

- **Content Writer at Google Developer Student Club (GDSC), VIT** — Chennai, India
  Writing informative and engaging content on Computer Science and related fields — October 2022 - July 2023

- **Organising Committee Member at Dramatics Club, VIT** — Chennai, India
  Writing Department - Organising club events and plays; Writing plays — March 2022 - June 2023

- **Assistant Head Girl, Amrita Vidyalayam** — Chennai, India
  Organised several school events along with other Student Council members — July 2019 - March 2020