

ALAPAKA MADHU

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Education

- Vellore Institute of Technology** 2021 – 2026
M.Tech Integrated (Software Engineering) - CGPA: 9.39 Amaravati, Andhra Pradesh
- Narayana Junior College** 2019 – 2021
Senior Secondary - 10+2 - Percentage: 83.0% Aravind Nagar, Nellore, Andhra Pradesh
- Ravindra Bharathi School** 2015 – 2019
Secondary School - 10 - CGPA: 7.8 Venkatachalam, Nellore, Andhra Pradesh

Experience

- Only Click** April 2025 – June 2025
Software Tester (QA Engineer) Hybrid
 - Performed manual and automated testing (using Selenium) and ensured functional correctness across modules.
 - Executed API testing with Postman, collaborated with devs to log/debug issues using Python, Java, and JavaScript.
- Simtrack NGO** January 2025 – March 2025
Human Resources Intern Remote
 - Managed hiring, onboarding, and training processes to improve team integration and talent acquisition outcomes.
 - Enhanced internal communication using streamlined HR tools for scheduling, feedback, and engagement tracking.

Projects

- Health Risk Detection System** | Python, ML, Streamlit [Link] (Jan 2024–Mar 2024)
 - Engineered a Streamlit-based machine learning web application for real-time early detection and risk assessment of five critical health conditions, achieving 92% diagnostic accuracy and reducing manual assessment time by 40%.
- Cloud-Based ChatBot** | Firebase, Visual Studio [Link] (Aug2023 – Oct 2023)
 - Designed and deployed a real-time chatbot on Firebase to educate users on traffic rules, optimizing system response time and ensuring seamless interaction across devices, increasing engagement by 35%.
- Advanced Android Attendance App** | XML & Java Development (Android Application) [Link] (Feb 2023 – Apr 2023)
 - Developed a real-time Android attendance app with seamless automation, integrating user feedback, wireframes (Lucidchart), and Agile workflows (Jira) to improve tracking accuracy, system efficiency, user engagement by 95%.

Positions of Responsibility

- NextGen Cloud Club, VIT - Web 2.0 Supervisor** July 2023 – May 2024
Led team coordination for cloud storage, optimizing transfer and ensuring availability. Amaravati, Andhra Pradesh
- Pennify Chapter, VIT - Outreach Lead** August 2022 – May 2023
Strengthened cross-functional collaborations, leading to increased engagement and growth. Amaravati, Andhra Pradesh

Skills

- Programming Languages:** Java, Python, SQL/NO-SQL
- Developer Tools:** Git, GitHub, Eclipse, VS Code, Power Bi, Draw.io, MS Office, Postman, Jupyter Notebook, JIRA.
- Data & Cloud Technologies:** AWS (EC2), Azure.
- Databases:** MySQL, MongoDB, Firebase.
- Testing Tools:** Selenium, JUnit/TestNG, PyTest, Jest, Cypress.

Achievements & Rewards

- Academic Merit Award** – 3rd Rank (2021-2022) & 7th Rank (2023-2024) in Software Engineering.
- Runner-up in Flipkart Grid 5.0 & 6.0** (Unstop E-Commerce Competition), successfully completing the first round.
- 2nd Place Winner** in the Hackathon organized by NGC Club at VIT-AP University.
- ISRO Metric Certification** on the STAR Program, demonstrating expertise in space technology and research.
- Key Event Manager** for V-TAPP Technical Fest 2024 at VIT-AP University, leading planning and execution.

Certificates & Extra-Curriculars

- Microsoft Azure AI-900 Fundamentals
- Python Certificate – HackerRank
- Software Testing Course - Great Learning
- CodeFest on FCN Programming
- Cloud Computing Course -Infosys Springboard
- **Interests:** Competitive Coding, Algorithm Optimization, AI Innovation and ML, Software Development.
- **Sports:** Badminton, Chess, Athletics.
- **Languages:** English, Telugu.
- **Hobbies:** Cooking, Yoga, Movies & Music, Blogging.