

Alen Thomas

Bachelor of Technology
Computer Science Engineering with Specialization in AI and ML
Vellore Institute of Technology(VIT), Bhopal

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GitHub Profile
LinkedIn Profile

PROFESSIONAL SUMMARY

- Results-driven B.Tech Computer Science student specializing in Artificial Intelligence and Machine Learning with hands-on experience in Android app development, voice-based automation, and cloud solutions.
- Certified AWS Cloud Practitioner and CEH with solid knowledge of data analytics, cybersecurity, and full-stack development.
- Proven ability to develop scalable Android apps, build machine learning models, and collaborate in Agile environments. Strong team player with excellent communication, problem-solving, and project documentation skills.

EDUCATION

•Vellore Institute of Technology, Bhopal	2021 – 2025
B.Tech in Computer Science with AI/ML	CGPA: 7.78/10
•Mount Carmel School, New Delhi	2021
Class XII (CBSE)	Percentage: 85.8%
•Mount Carmel School, New Delhi	2019
Class X (CBSE)	Percentage: 84.4%

EXPERIENCE

•InternsElite	Aug 2024 – Oct 2024
Android Developer Intern	Remote – New Delhi
<ul style="list-style-type: none">– Developed and tested UI elements across 10 Android devices per Material Design guidelines, increasing usability.– Engineered core features, resolving 15 defects and improving app performance by 20%.– Practiced GitHub-based version control and collaborated in Agile team discussions.	

PROJECTS

•Lung Cancer Detection App	Sept 2024 – Apr 2025
Android app for early prediction using ML and interactive UI	GitHub
<ul style="list-style-type: none">– Designed intuitive UI in Java/XML and integrated ML models via Python APIs.– Improved early diagnosis accuracy by 18% using real-world dataset integration.	
•Voice-based Virtual Assistant	Jul 2022 – Sep 2022
Python-based voice assistant for hands-free automation	GitHub
<ul style="list-style-type: none">– Developed custom voice assistant with speech recognition and task automation features.– Focused on user interaction, command parsing, and multi-functionality.	

TECHNICAL SKILLS

- **Languages:** Python, C++, Java, SQL, HTML/CSS, JavaScript, XML, JSON
- **Frameworks/Libraries:** TensorFlow, Keras, Pandas, NumPy, Matplotlib
- **Tools:** Android Studio, VS Code, Git/GitHub, Anaconda, Snowflake, Power BI, Excel
- **Databases/Cloud:** SQL Databases, AWS (Cloud Practitioner Certified)
- **Soft Skills:** Teamwork, Communication, Report Writing, Presentation, Problem Solving
- **Coursework:** Applied ML, AI & ML, Web Dev, Android Dev, CEH, AWS Cloud
- **Areas of Interest:** AI/ML, Data Science, DBMS, OOPS, DSA, SQL, Computer Network, Cloud Computing, Software Development, Data Analytics, Android Development, Cybersecurity, Web Development

CERTIFICATIONS

- AWS Certified Cloud Practitioner
Amazon Web Services
Jan 2024
- Certified Ethical Hacker (CEH)
EC-Council
Dec 2023
- Applied Machine Learning in Python
University of Michigan (Coursera)
Jan 2023
- Privacy and Security in Online Social Media
NPTEL
May 2024

POSITIONS OF RESPONSIBILITY

- Core Member (Photography)
Animation Club, VIT Bhopal
2021 – 2025

ACHIEVEMENTS

- Intra-college Sports Representative – Football and Volleyball
Represented Computer Science branch in Football and Volleyball leagues
VIT Bhopal University
2023
- Inter-School Singing Competitions – Zonal and District Levels
1st Place (Group) in Zonal level; 2nd Place (Group) in District level
Mount Carmel School, New Delhi
2020