Akhila Ampili

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Education

Indian Institute of Technology (ISM) Dhanbad	Dec 2021 - May 2025
Bachelor of Technology in Computer Science and Engineering(GPA: 7.66 / 10)	*Dhanbad, Jharkhand*

Experience

Amazon	July 2025 - Present
Software Engineer (VAS Tech Discovery)	*Hyderabad , Telangana*

- Led customer-facing feature development enabling multiple non-UDS service selection on Detail Page with checkbox-based UI, unlocking **368.4M** dollars revenue opportunity across US and EU markets
- Architected scalable service merchandising experience within SOM platform serving **26M** daily page views, integrating ValueAdds Sub Resource and DetailPageValueAddsModules across all platforms
- Implemented intelligent service ranking and deduplication logic based on scope of work hierarchy, driving **109K** fulfilled service orders and **47M** dollars incremental annualized opportunity in US region
- Enhanced API security through Transitive Auth (TA) campaign, securing multiple service packages, ensuring authenticated and authorized API calls across the platform

Amazon	May 2024 - July 2024
Software Engineer Intern (VAS Tech Purchase)	*Hyderabad , Telangana*

- Contributed to the enhancement of the checkout page for heavy bulky items, focusing on rendering unified delivery and service options in the newly developed checkout page.
- Implemented backend data validation to verify user preferences, identifying and resolving constraint violations.Optimized backend operations by removing calls to backend streams, resulting in a latency reduction of **4 seconds**.
- Implemented unit tests for backend components using Java and Mockito, ensuring robustness and reliability of codebase.
- Certificate Link: Amazon

Projects

Write Out App	*Java, XML, Firebase Database, Firebase Authentication*	May 2021 - July 2021

- An Android Mobile Application where the user can write articles and upload them and delete them.
- User can also view the articles of other users and can save them into favorites.
- FrontEnd Components: Tablayout using View Pager, Recycler View, Floating Action Buttons, Scroll View

LinkedIn Agent	*Python, Ollama, LangChain, NVIDIA AI*	Dec 2025 - Jan 2026

- Built an AI job search + resume optimizer with Ollama + LangChain, ranking job-fit via cosine similarity over scraped listings.
- Automated PDF/DOCX parsing and structured extraction via NVIDIA AI endpoints to generate targeted resume improvements.

Technical Skills

Languages: Python , C++, C, Java, Kotlin, XML, JSP(Java Server Pages)
Technologies: Android SDK ,HTML5, CSS, JQuery, JS,Relational Databases (MySQL, PostgreSQL, SQL Server) and SQL
Tools: Git, Github
Testing: Junit, Mockito
Concepts: Software Engineering, Object Oriented Programming, Data Structures and Algorithms, Database Management Systems, Operating Systems.

Achievements

- Solved over 320 problems on Leetcode
- Solved over 150 problems on Codeforces
- Cleared second round in Flipkart Grid 5.0