ADHITHYAN S

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PROFESSIONAL SUMMARY

Computer Science graduate specializing in DevOps and Cloud Computing, with internship experience in software engineering, cloud computing, and automation. Hands-on experience with Python, React, FastAPI, REST APIs, AWS, CI/CD pipelines, and Git, supported by practical project work in AI-powered applications. Interested in building reliable software solutions and pursuing entry-level opportunities in Software Development, Cloud Engineering, or DevOps.

TECHNICAL SKILLS

Programming Languages: Python, C, C++, .NET
Frontend and Backend Development: React.js, FastAPI, REST APIs, HTML, CSS
Cloud and DevOps: AWS (EC2, S3, IAM, CloudWatch), CI/CD, Jenkins, Networking
Databases: MySQL, DBMS
AI and LLM Technologies: Retrieval-Augmented Generation (RAG), Claude Code, Machine Learning (Python)
Tools and Version Control: Git, GitHub, n8n (workflow automation), Data Validation

WORK EXPERIENCE

AI / Software Engineering Intern | **Xploro.io** July 2026 – October 2026

- Developed and debugged web application features using React and Python/FastAPI.
- Worked with backend APIs and investigated frontend–backend data inconsistencies.
- Validated dashboard metrics against database records to identify data discrepancies.
- Troubleshot application issues and tested fixes to verify expected behavior.

Automation Intern | **Ascentz Technologies** May 2025 – June 2025

- Completed a hands-on internship focused on automation concepts and tools.
- Gained practical experience in workflow automation and routine task automation.
- Applied problem-solving skills to support automation-related tasks.

Cloud Computing Intern | **Acmegrade** December 2023 – January 2024

- Worked with AWS services, including EC2, S3, and IAM, for cloud resource management and application deployment.
- Configured Jenkins CI/CD pipelines for build, testing, and release workflows.
- Used Amazon CloudWatch to monitor application performance and resource utilization.
- Used GitHub for version control and supported deployment troubleshooting.

PROJECTS

FinBuddy – AI-Powered Financial Intelligence System Final Year Project

- **Problem:** helps users understand their spending and plan budgets using AI-generated financial insights.
- **Tech stack:** Python and machine learning.
- Built an AI-powered application to analyze expenses and generate budgeting insights.
- Implemented secure user authentication and personalized financial recommendations.

EDUCATION

Bachelor of Science in Computer Science (DevOps and Cloud Computing) August 2023 – May 2026
Dr. SNS Rajalakshmi College of Arts and Science, Coimbatore

Higher Secondary Education (Computer Science) July 2018 – April 2022
Vivekananda Vidyalaya Matric Higher Secondary School, Palani | Class X: 85% | Class XII: 72%

CERTIFICATIONS

- **Claude on Google Cloud (Claude Academy)** – Anthropic Oct 2026
  Credential ID: 3521982306e3c4678f9f4f80667dea5e
- **Claude 101 (Certificate of Completion)** – Anthropic Oct 2026
  Credential ID: ws6i29vqhfuf
- **Artificial Intelligence Fundamentals** – IBM SkillsBuild Aug 2025
  Credential ID: 233319ac-1f31-4c84-8706-8c9fcb197b56
- **Cloud Computing** – Acmegrade
  Credential ID: AGC2024011932
- **Generative AI Application Development** – Databricks Academy

LANGUAGES

English, Tamil