



Dwarampudi Suresh Reddy

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Summary

Computer Science undergraduate specializing as a Cloud Engineer with additional expertise in full-stack development (MERN) and Java programming. Skilled in designing and deploying scalable cloud architectures on AWS, integrating cloud services, and automating workflows. Experience in building responsive web applications and developing robust and maintainable software systems using Java and modern web technologies.

Education

Aditya Engineering College, Surampalem, Andhra Pradesh	2022 – 2026
<ul style="list-style-type: none">• Bachelor of Technology• Computer Science and Engineering (7.32 CGPA)	
Sasi Junior College, Velivenu, Andhra Pradesh	2020 – 2022
<ul style="list-style-type: none">• INTERMEDIATE (87.67 percent)	
ZPP High School, Kuthukuluru, Andhra Pradesh	2019 - 2020
<ul style="list-style-type: none">• SSC (85.20 percent)	

Projects

NutriTrack – AI-Powered Fitness Diet Planner (Full-Stack)	2025
<ul style="list-style-type: none">• Designed a personalized meal planning platform using artificial intelligence to align user diets with fitness goals, improving engagement by 45%.• Integrated user authentication and OpenAI-based nutritional recommendations tailored to lifestyle and preferences.• Enhanced backend performance and data handling across dashboards using MERN stack architecture.• Tools used: React.js, Node.js, Express.js, MongoDB, OpenAI API, Bootstrap, GitHub.	
QueryBot – AI Chatbot for Automated Support	2024
<ul style="list-style-type: none">• Built a support automation tool to handle FAQs and real-time queries, reducing manual intervention by 60%.• Developed conversational flows and connected ChatGPT API for natural language responses with 50% higher accuracy.• Deployed a responsive interface to improve usability across devices and enhance customer support efficiency.• Tools used: HTML, CSS, JavaScript, ChatGPT API, GitHub.	
LibraTrack – Java-Based Library Management System	2024
<ul style="list-style-type: none">• Developed a desktop application to automate cataloging and book tracking, reducing issuance errors by 70%.	

- Enabled borrow/return features and real-time member management with JDBC and MySQL integration.
- Improved transaction speed and UI responsiveness by 40% using Java Swing and AWT.
- Tools used: Java, Swing, AWT, JDBC, MySQL.

Experience

AWS Development Intern, Technical Hub Pvt Ltd June 2024 – July 2024

- Deployed scalable cloud-based applications using AWS services (S3, EC2, Lambda, DynamoDB) ensuring 99.9% availability.
- Designed serverless architecture with Lambda, API Gateway, and CloudFront, reducing latency and operational overhead.
- Implemented secure, role-based IAM policies and developed RESTful APIs to handle 10,000+ daily requests efficiently.
- Tools used: AWS S3, EC2, Lambda, API Gateway, DynamoDB, IAM, CloudFront.

Technical Skills

Programming Languages: Java, Python, HTML, CSS, JavaScript

Cloud Engineering: AWS (S3, EC2, Lambda, CloudFront, DynamoDB, RDS), IAM, Serverless Architecture

Full-Stack Development: MERN Stack (MongoDB, Express.js, React.js, Node.js), REST APIs, Responsive Web Design

Databases: MongoDB, MySQL, DynamoDB

DevOps & Tools: Docker, Git, GitHub, Postman, AWS CLI

Core Competencies: Cloud Architecture, Problem Solving, System Design, Agile Development

Certifications

AWS Certified Developer – Associate, Amazon Web Services (AWS), 2025

IT Specialist – Java Certification, Certiport (a Pearson VUE Business), 2024

IT Specialist – HTML and CSS Certification, Certiport (a Pearson VUE Business), 2023

IT Specialist – Python Certification, Certiport (a Pearson VUE Business), 2023