

Akhil Sai Boppudi

Full Stack Developer

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Summary

Driven and innovative graduate with hands-on experience in web and backend development. Demonstrated ability to deliver high-quality projects, including a field sales tracking web app. Strong proficiency in JavaScript, Python, React, and various other technologies. Complemented by a keen interest in self-development and leadership roles.

Skills

Python

JavaScript

Java

C/C++

MySQL

PostgreSQL

MongoDB

Next.js

Django

Flask

Springboot

React

Express

Numpy

Pandas

Matplotlib

Ollama

OpenAI

LangChain

Git

GitHub

Docker

Postman

GitHub Actions

Terraform




Experience

Drishya Ai , Software Intern	Vizianagaram Sep 2024 – Present
<ul style="list-style-type: none">Engineered a monitoring system for AWS Lambda functions using AWS Xray and aws-sdks, achieving real-time performance tracking and cost optimizationDeveloped AWS Step Functions replicas using Node.js and AWS SDK, reducing testing costs by 5%Implemented automated alerting system for service latency and failures, cutting downtime by 15% through proactive maintenance	
Nviri Solutions , Full Stack Intern	Remote Jan 2024 – Sep 2024
<ul style="list-style-type: none">Designed and implemented an interface for customers to create WhatsApp templates directly within the product, reducing template creation time by 40% and cutting reliance on external tools by 100%.Developed a feature allowing businesses to automate customer chats using predefined messages and seamlessly take over conversations, increasing customer engagement by 25%.Built and optimized CI/CD pipelines, automating deployments and reducing deployment time by 35%, leading to more reliable and faster project delivery.reliability.	

Education

B.Tech	Jawaharlal Nehru Technological University Gurajada Vizianagaram	GPA: 8.0
	Computer Science	Oct 2021 – Present
	<ul style="list-style-type: none">Coursework: Computer Architecture, Computational Theory, Software Design, Compiler Design, Operating Systems, Database Management Systems, Data Structures and Algorithms, Linux Environments	
12th	Sri Chaitanya Junior College	96 % Jun 2019 – May 2021
SSC	Sri Chaitanya International School	91 % Jun 2018 – May 2019

Projects

Course Application Website	 Github
<ul style="list-style-type: none">Developed a web application for student course registration, enabling users to apply for honors and minor courses.Developed backend functionalities to handle course registration, user authentication, and data management.Integrated real-time validation and error handling to enhance user experience.	
Multiplayer Chess Game	 Github
<ul style="list-style-type: none">real-time multiplayer chess game using TypeScript, WebSockets, and React, enabling online gameplay between users.Implemented interactive and responsive UI components, ensuring a smooth user experience across devices.Integrated WebSocket-based game state synchronization for instant updates and rule enforcement during gameplay.	
Compiler for C	 Github
<ul style="list-style-type: none">Developed a C compiler that supports conditional and iterative statements for efficient code execution.Gained a strong understanding of computer architecture concepts, including assembly language.Acquired expertise in code optimization and proficiency in various parsing techniques in compiler design.	