Akhil Sai Boppudi

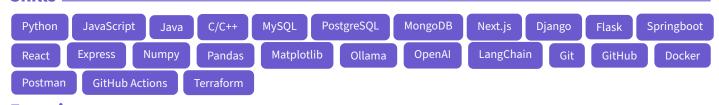
Full Stack Developer

 ♥ Hyderabad, In
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 ७ Portfolio
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Summary

Full Stack Developer specializing in cloud infrastructure and automation, with practical experience from internships at Drishya AI and Nviri Solutions. Improved AWS testing costs by 5% and reduced deployment duration by 35% through CI/CD improvements. Built scalable web applications serving 500+ users and real-time systems handling 1,500+ concurrent sessions. Combines strong computer science fundamentals with hands-on experience in JavaScript, Python, React, and cloud technologies. Particularly interested in developing efficient, user-focused solutions and working with emerging AI technologies.

Skills



Experience

Drishya AI, Software Intern

- Built a monitoring system for AWS Lambda functions using AWS Xray and SDKs, enabling realtime performance tracking and improving cost efficiency.
- Created replicas of AWS Step Functions with Node.js and AWS SDK, reducing testing expenses by 5%.
- Implemented an automated alerting mechanism for latency and service failures, cutting down-time by 15% through efficient maintenance.

Nviri Solutions, Full Stack Intern

- Designed an in-product interface for customers to create WhatsApp templates, streamlining the process by 40% and eliminating the need for external tools.
- Developed a solution for businesses to automate customer chats with predefined messages, while offering seamless conversation takeover, boosting engagement by 25%.
- Built and refined CI/CD pipelines, cutting deployment times by 35% and enhancing project delivery speed and reliability.

Remote Jan 2024 –

Vizianagaram Sep 2024 – Present

Sep 2024

Projects _

Course Application Website

○ Github 🗹

- Developed a web application used by over 500 students for course registration, with a 20% increase in honors and minor course applications.
- Integrated real-time validation, reducing user errors by 15%, and enhanced error handling, improving the overall user experience by 30%.

Multiplayer Chess Game

Github 🗹

- Implemented responsive UI components, improving user satisfaction by 25%, and ensuring cross-device compatibility.
- WebSocket-based game state synchronization, supporting over 1,500 real-time game sessions with less than 1-second latency for instant updates and rule enforcement.

Compiler for C

- Gained strong understanding of computer architecture and assembly language, improving optimization by 10%.
- Proficient in parsing techniques, achieving a reduction in compilation errors by 20% during design and testing.

Education

B.Tech Jawaharlal Nehru Technological University Gurajada Vizianagaram

Computer Science

GPA: 8.0 Oct 2021 – Present

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
SSC	Sri Chaitanva International School

96 % Jun 2019 – May 2021 91 % Jun 2018 – May 2019