

ABHISHEK GUDALA

abhigudala939@gmail.com | (901) 338-4522 | [LinkedIn](#) | [GitHub](#)

EDUCATION

The University of Memphis, Memphis, Jan 2023 – Present (GPA:3.90)

MS, Computer Science - Core: Algorithms and Software Engineering. Coursework on Distributed Systems, Data Mining and Machine Learning

Anurag group of Institutions, India June 2017 – July 2021 (CGPA:9.46)

BTech, Information Technology- Coursework included Data Structures and Algorithms, Operating Systems, Computer Networks, Software Engineering, JAVA Programming, Database Systems

TECHNICAL SKILLS

Programming: Java, C++, Python, Ruby

Frontend: React.js, Angular, HTML, CSS, JavaScript, TypeScript

Backend: Spring Boot, Spring MVC, Hibernate, Ruby on Rails, PHP

Database: SQL, MySQL, Oracle database

Other: Git, Jenkins, Docker, Machine Learning, Algorithms

WORK EXPERIENCE

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Nov 2021- Dec 2022

Software Development Engineer -1

KA, INDIA

- Implemented enhancements to the Answers platform, optimizing automatic chatbot responses based on customer-entered keywords, resulting in a 40% reduction in customer support queries and improved customer satisfaction metrics.
- Resolved severe production issues, swiftly implementing configuration fixes to ensure uninterrupted functionality of the Answers platform, minimizing downtime, and maintaining high service availability.

Revature

July 2021 - Sep 2021

Full Stack Intern

HYD, INDIA

- Developed multiple beginner-level applications with a focus on full-stack development, using technologies such as Spring and Angular.
- Received guidance and supervision in creating an end-to-end project, incorporating 7+ features, achieving a 20% reduction in load time and a 15% improvement in operational efficiency.

PROJECTS

EMS (Employee Management System): The project involved development of the Employee Management System (EMS), simplifying job applications. It features User and Admin modules – users apply for jobs and view openings, while admins manage operations and post new jobs.

React Calculator: I've developed these React project that's ideal for practicing JavaScript skills. It involved creating reusable components for user input, basic arithmetic operations, and real-time result display. I gained hands-on experience with React's state management and event handling systems, along with rendering components to the DOM.

Hyderabad_House_Prices_Analysis: This project helps us provide the approximate expected price of a house based on parameters like location, number of bedrooms, and furnishing. It classifies houses as either above \$50,000 or below \$50,000 using algorithms such as Decision Trees, SVM, and Linear Regression. Working on this project helped me understand the supervised and unsupervised algorithms.

CERTIFICATIONS AND ACCOMPLISHMENTS ([Soft copy](#))

- Java Certified programmer from NPTEL (National Programme on Technology Enhanced Learning).
- Completed the Database Programming with SQL course from Oracle Academy.
- Published a research paper on "Identification and Classification of Brain Tumor Using Convolutional Neural Network" in Springer.