

# KADIYAMSETTI SAHITHYA

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## CAREER OBJECTIVE

Results-driven and detail-oriented IT graduate with practical experience in full-stack development, back-end engineering, cloud computing, and data analytics. Proficient in Python, Java, SQL, and AWS. Looking for an entry-level position as a Software Developer, Backend Engineer, or Data Analyst to develop scalable applications, support agile development teams, and deliver data-driven business solutions.

## EDUCATION

<b>Kallam Haranadha Reddy Institute of Technology</b> , Guntur Bachelor of Technology in Information Technology	<i>Nov 2021 – Apr 2025</i> CGPA: 8.4/10
<b>Sri Chaitanya Junior College</b> , Vijayawada Intermediate (MPC)	<i>Jun 2019 – May 2021</i> Percentage: 96%
<b>Sri Chaitanya School</b> , Challapalli Secondary School Certificate	<i>Jun 2018 – May 2019</i> CGPA: 10/10

## SKILLS

- Languages:** C, C++, Python, Java, SQL, HTML, CSS, JavaScript.
- Databases and Tools:** MySQL, MongoDB, MySQL Workbench, Power BI, MS Excel.
- Technologies & Tools:** AWS, Azure, Docker, React.js, Flask, Spring Boot, SDLC, GitHub, VS Code, MS Office.
- Soft Skills:** Communication, leadership, adaptability, analytical thinking, teamwork, attention to detail.

## PROJECTS

<b>Blood Bridge: Optimizing Lifesaving Resources Using AWS Services</b>	<i>Nov 2024 – Mar 2025</i>
<ul style="list-style-type: none"><li>Cloud-hosted system for donor-recipient matching using AWS EC2, RDS, and Flask.</li><li>Improved match accuracy to 98% and reduced response time by 35%.</li></ul>	
<b>Efficient Deepfake Image Detection Model Based on MobileNetV2</b>	<i>Nov 2024 – Apr 2025</i>
<ul style="list-style-type: none"><li>Achieved 95% detection accuracy in real-world data using a lightweight CNN architecture.</li><li>Enhanced speed and accuracy on resource-constrained devices vs. traditional CNNs.</li></ul>	

## INTERNSHIPS AND TRAINING

<b>Java Centric Backend Development with Python Essentials - Revature</b>	<i>Feb 2025 – May 2025</i>
<ul style="list-style-type: none"><li>Designed scalable RESTful APIs with Spring Boot and MySQL using alayered architecture.</li><li>Integrated authentication, exception handling, and achieved 100% unit test coverage.</li></ul>	
<b>Android Developer Internship - EduSkills &amp; Google (AICTE)</b>	<i>Apr 2024 – Jun 2024</i>
<ul style="list-style-type: none"><li>Built interactive Android applications using Java and XML with responsive UI layouts.</li><li>Implemented multi-screen navigation and managed lifecycle events for smooth user experience.</li></ul>	
<b>Machine Learning Internship - Bharat Intern (MSME)</b>	<i>Sep 2023 – Oct 2023</i>
<ul style="list-style-type: none"><li>Designed Decision Tree and KMeans models, reaching 94% model accuracy.</li><li>Enhanced model performance through hyperparameter tuning and dimensionality reduction.</li></ul>	
<b>Salesforce Developer Virtual Internship - Smart Internz</b>	<i>Aug 2023 – Oct 2023</i>
<ul style="list-style-type: none"><li>Developed Apex classes and Lightning dashboards for workflow automation.</li><li>Boosted operational efficiency by 30% using process builder and dynamic reports.</li></ul>	
<b>Artificial Intelligence Internship - IBM</b>	<i>Jun 2023 – Jul 2023</i>
<ul style="list-style-type: none"><li>Trained ML classifiers with 92% accuracy and performed feature engineering and EDA using Python.</li></ul>	

## CERTIFICATIONS

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- AWS Certified Cloud Practitioner – **AWS**
- Python Basics for Data Science – **IBM on edX**
- Machine Learning with Python: A Practical Introduction – **IBM on edX**

## ACHIEVEMENTS

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- Led a Cybersecurity Awareness Campaign reaching 500+ students; recognized by local media.
- Coordinated NSS village campaigns on health, education, and sustainability, affecting 500+ rural residents.
- Completed 25+ industry-level tasks and simulations through virtual internships and academic projects.

## STRENGTHS

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- Strong problem solving and debugging skills, with experience in performance tuning and code optimization.
- Effective team collaborator with leadership experience in technical projects and awareness campaigns.
- Quick learner, adaptable to agile environments, actively integrating emerging technologies, frameworks, and best practices to drive continuous innovation.