

Chaytavya Anantha Sairam Garikapati

+1 9132800160 • sairam4916@gmail.com • linkedin.com/in/ram9g/

Highly motivated and results-oriented Software Engineer with comprehensive experience in designing, developing, and deploying scalable and robust applications. Proficient in full-stack development using Java, Spring Boot, React, and various cloud software platforms (AWS, GCP). Expertise in the Software Development Lifecycle (SDLC), from requirements gathering to deployment and maintenance, with a strong focus on testing and debugging. Passionate about leveraging AI and machine learning to solve complex problems and improve application performance. Adept at working in Agile environments and collaborating effectively with cross-functional teams. Experience with CI lifecycle practices and implementing Design Patterns for efficient and maintainable code.

WORK EXPERIENCE

Aldi.com

Software Engineer

01/2025 – Present

Dallas, USA

- Improved user engagement by 19% and API performance by 23% through React-based responsive UIs and Java/Spring scalable back-end development.
- Delivered end-to-end project solutions by integrating front-end and back-end technologies, resulting in an 11% infrastructure cost reduction through strategic deployment and management on AWS and GCP.
- Streamlined development and deployment processes by implementing CI/CD pipelines with GitHub Actions and ensuring application reliability through robust error handling, security integration (OAuth2/JWT), and effective issue resolution in production.
- Contributed throughout the Software Development Lifecycle (SDLC), from design to deployment and testing, within an Agile (Scrum) environment, leveraging Java, Spring Boot, RESTful APIs, and microservices architecture.

UMKC

Graduate Software Engineer

01/2024 – 12/2024

Missouri, USA

- Built responsive and user-friendly interfaces using React, resulting in a 19% improvement in user engagement metrics on recent projects.
- Developed robust and scalable server-side logic using Node.js and Java, leading to a 23% reduction in API response times.
- Integrated front-end and back-end technologies, streamlining development processes and delivering complete project solutions.
- Deployed and managed applications on cloud platforms (AWS, GCP), achieving an 11% decrease in infrastructure costs.

Infosys

Digital Specialist Engineer

09/2021 – 08/2023

Telangana, India

- Developed and deployed a full-stack web application using Spring Boot for the backend and React for the frontend.
- Developed user interfaces and features for the application's frontend using React, applying concepts like component-based architecture, data binding, and component interaction.
- Enhanced the user experience of a support application frontend using React, optimizing key React components, leading to a 17% improvement in page load times for frequently accessed support pages.
- Implemented more intuitive UI elements and improved form handling in React, resulting in a 3% decrease in the average time users spent submitting support tickets.
- Successfully implemented core features, integrating RESTful APIs and applying Spring Boot's auto-configuration capabilities to streamline development.
- Collaborated with senior developers to optimize the application for performance and scalability.

- Developed and integrated RESTful APIs using Spring Boot to connect the frontend and backend components of the application.
- Learned to utilize Spring Data REST to simplify data access and explored API documentation tools like Swagger.
- Assisted senior developers in migrating a legacy application to a microservices architecture using Spring Boot and Spring Cloud, resulting in a 29% reduction in response times and improved application resilience and scalability.
- Contributed to the development of individual microservices and gained exposure to containerization technologies like Docker and Kubernetes.

**Cognizant Technology Solutions(CTS)
Automation Testing with UFT and HC FACETS**

**08/2020 – 07/2021
Telangana, India**

- Utilized HC Facets data for test data management and automation. Developed test cases to validate HC Facets functionalities through UFT.
- Developed and executed data-driven test cases using Excel integration for the MCart project. Also, skilled in VBScript for scripting, custom functions, and object manipulation. Experienced in implementing checkpoints for test validation and quality assurance.

**CCC Digital
Application Development – Internship**

**05/2019 – 07/2019
Andhra Pradesh, India**

- Learned application development using ZOHO (especially with ZOHO CRM) and Deluge scripting.
- Leveraged Deluge to architect a scalable CRM system on the Zoho platform, handling data with efficiency and accuracy.

EDUCATION

Master of Science in Computer Science

University of Missouri – Kansas City, USA • GPA: 4.0/4.0

Kansas City, USA • 08/2023 – 12/2024

Bachelor of Technology in Computer Science and Engineering

SRM University – AP, India • GPA: 8.8/10

AP, India • 08/2017 – 05/2021

CERTIFICATIONS

Google Cloud with Google Cloud Platform (GCP)

Coursera

Software Engineering

JPMorgan Chase & Co.

SAP Commerce Developer

Infosys

Python Associate

Infosys

ZOHO Creator Series

Udemy

Internship Certificate

CTS

Research-A-Thon Certificate

UMKC School of Science and Engineering

PROJECTS

Cloud Based Leave Application

Developed a leave application for students and professors using PHP, JavaScript, HTML, and CSS, deployed on Google Cloud Platform (GCP) using XAMPP.

Detecting Phishing Web Pages

Implemented machine learning techniques (Random Forest, SVM, Decision Tree) in Python to classify URLs as legitimate or phishing based on web page features.

Cloud Storage Cost Optimization

Created multi-tiered cloud storage services using "STaaS" to optimize cloud storage costs based on access latency, cost, throughput, and storage costs.

SKILLS

Programming Languages: C, Deluge Scripting, Java, JavaScript (Node.js), Python

Frameworks/Libraries: Numpy, Pandas, React, Redux, Sklearn, Spring Boot, Spring Data JPA, Spring MVC

Databases: Microsoft SQL Server, MongoDB, MySQL, Oracle, PHPMyAdmin

Cloud Technologies: AWS, Azure DevOps, Google Cloud Platform (GCP)

Tools: Agile Methodologies, Bash Scripting, build tools, CSS, Docker, Git, HTML, Jira, Linux/Unix, REST APIs

Operating Systems: Ubuntu, Windows

Source Control: Git, GitHub Actions

IDE: IntelliJ, VS Code

Relational Databases: Microsoft SQL Server, MySQL, Oracle

Debugging: Debugger experience, error tracking, log analysis

Testing: end-to-end testing, integration testing, Unit testing

AI/ML: Machine learning algorithms (Random Forest, SVM, Decision Tree)

System Administration: Basic system administration tasks on Linux/Unix environments.

Unix Tools: command-line utilities, Shell scripting

Profilers: Experience with profilers for performance optimization.

ServiceNow Instances: Familiar with interacting with ServiceNow instances for incident management and IT service management.