

GIRIPRANAY KONA

Software Engineer

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PROFESSIONAL SUMMARY

Experienced Software Engineer with 5 years of expertise in full-stack development, cloud computing, and software troubleshooting. Proficient in driving the development of scalable applications, resolving complex software issues, and deploying solutions in dynamic environments. Eager to leverage my in-depth knowledge of software engineering to contribute to innovative projects and cross-functional teams.

PROFESSIONAL EXPERIENCE

Software Engineer, Erik Johnson School of Engineering and Computer Science | May 2023 - May 2024

- Enhanced the performance and reduced downtime for Electronic Health Records (EHR) software through effective troubleshooting techniques, utilizing Python scripts to automate repetitive tasks.
- Collaborated with cross-functional teams to identify root causes of EHR software issues, improving resolution time by 40% through structured analysis and debugging.
- Managed and documented common technical issues and solutions in a knowledge base, streamlining support processes and facilitating faster issue resolution for internal teams and external clients.
- Built and deployed RESTful APIs using Node.js and Express.js, ensuring smooth data flow and integration with frontend systems, contributing to improved system performance.

Sr. Software Developer, The Live Green Company | Oct 2020 - Aug 2022

- Led the development of the 'Know Your Food' mobile app, increasing user engagement by implementing efficient real-time data storage and API management.
- Developed an API integrating with Google Vision API to process food label images, increasing data extraction efficiency by 55%.
- Built scalable microservices using Docker and Kubernetes, enhancing system reliability and availability on AWS and GCP.
- Collaborated with product managers and engineers to identify and resolve bugs, enhancing user experience and app performance.

Software Developer, Dvara Solutions | May 2019 - Sep 2020

- Developed and maintained scalable RESTful APIs and microservices with SpringBoot, contributing to efficient backend services.
- Optimized SQL queries in MySQL and PostgreSQL, reducing query execution time by 30% for complex data retrieval.
- Resolved critical frontend issues in AngularJS applications, improving user interaction through precise debugging and performance adjustments.
- Implemented continuous learning practices to stay current with software updates, enhancing troubleshooting capabilities.

EDUCATION

Master of Computer Science, Data Science, University of Texas, Dallas | Aug 2022 - May 2024

Bachelor of Science, Electronics and Communication, Indian Institute of Information Technology, Sricity | Aug 2015 - May 2019

TECHNICAL SKILLS

Hard Skills: • Java • Python • JavaScript • TypeScript • C# • Delphi • MSSQL • Dart • SQL • RESTful APIs • AWS • Azure • Google Cloud • Docker • Kubernetes • Node.js • Express.js • Spring Boot • Debugging

Soft Skills: • Problem Solving • Collaboration • Communication • Time Management

PROJECTS

EHR Software Optimization

- Enhance the operational efficiency of EHR systems.
- Develop automated solutions to minimize manual troubleshooting efforts.

Result: Successfully reduced EHR software downtime by 30%, resulting in improved healthcare delivery and user satisfaction.