SRI RAMA DONGA

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PROFESSIONAL SUMMARY:

Software Engineer with 3+ years of expertise in full-stack development, cloud computing, and scalable solutions. Proficient in modern technologies, frameworks, and tools, delivering high-quality solutions, ensuring efficient design, development, and deployment of robust applications.

TECHNICAL SKILLS:

Programming:	Java, Python, JavaScript, SQL, C, TypeScript, Swift
Tools/Technologies:	HTML, CSS, Bootstrap, RESTful APIs, Github, AWS, Docker, Postman, JIRA, Selenium
Frameworks:	React, Spring Boot, Spring, Node.js, Flask, React Native, Hibernate, GraphQL
Databases:	MySQL, PostgreSQL, MongoDB, MS SQL Server
Certification:	AWS Certified Solutions Architect Associate

WORK EXPERIENCE:

Capital One — **Dallas, Texas**
Software Engineer II — **August 2023 – January 2025**

- Designed and implemented cloud-based full-stack solutions using Java, JavaScript, TypeScript, SQL, and HTML/CSS, improving system efficiency and supporting over 500 in-branch locations.
- Streamlined deployment processes by utilizing Docker and Kubernetes, reducing deployment time by 40% and ensuring 99.9% system uptime.
- Leveraged AWS services such as Lambda, RDS (PostgreSQL), S3, and API Gateway to build scalable, secure solutions capable of handling millions of daily financial transactions.
- Collaborated with Agile teams to deliver modernized transaction solutions, leveraging Spring Boot to build scalable microservices that increased branch ambassador productivity by 30%.
- Optimized database queries in PostgreSQL, achieving a 20% reduction in response times, and enhanced data reliability to support millions of daily financial transactions.
- Integrated React.js for front-end development, improving UI performance by 25%, and ensuring a seamless user experience across devices.

PNI Therapeutics — **Mamaroneck, New York**
Full Stack Developer — **September 2022 – May 2023**

- Developed web pages with HTML, CSS, jQuery, Bootstrap, TypeScript and ReactJS, achieving load time closer to 2 seconds.
- Implemented Spring framework with Hibernate for MS SQL Server, resulting in faster queries and improved application performance.
- Generated REST API endpoints with JAX-RS and Spring Boot, helping in quicker responses within 2.6 seconds.
- Engineered an iOS mobile app using Agile, TDD methodologies; created interactive UI with SwiftUI, and a matching algorithm based on personality traits of users, resulting in a 94% success rate of matching compatibility.
- Utilized AWS services (EC2, RDS, S3, etc); enabling real-time usage and data reliability for users, with 98% data synchronization success rate.

Amazon — **Bellevue, Washington**
Software Development Engineer Intern — **May 2022 – August 2022**

- Worked in a team to develop an innovative technology to enable a new skill in Alexa that helps customers to learn a new language.
- Collaborated with cross-functional teams to develop an efficient phonetic level pronunciation evaluation algorithm to build a Java library.
- Crafted comprehensive unit tests with JUnit, achieving 94% code and 90% branch coverage, ensuring a highly reliable and robust library.
- Leveraged various AWS services (EC2, S3, Lambda, RDS) ensuring secure, cost-effective implementation while maintaining 99.99% uptime.

Capgemini — **Chennai, India**
Software Engineer — **October 2020 – June 2021**

- Assisted in developing and maintaining web applications using Java, Spring Boot, and React to improve internal banking processes.
- Created and optimized over 30 RESTful API endpoints using Spring Boot, reducing backend response time by 15%.
- Contributed to database optimization by rewriting SQL queries, achieving a 10% reduction in query execution times.
- Participated in CI/CD pipeline setup with Jenkins, enabling 25% faster deployments, reducing manual intervention by 4 hours per release cycle.

EDUCATION:

Master's in Computer Software Engineering — **August 2021 – May 2023**
Arizona State University — GPA: 3.72/4
Bachelor of Technology, Electronics and Communication Engineering — **August 2016 – June 2020**
Gokaraju Rangaraju Institute of Engineering and Technology — GPA: 9.31/10

PROJECTS:

KLANG Programming Language | Github link

- Built a custom programming language using Java and ANTLR, enabling efficient lexical and syntax parsing for developers.
- Designed core language features such as variable declarations, loops, and function support, with robust error handling for seamless debugging.

Portfolio Website | Github Link

- Developed a responsive personal portfolio website using HTML, CSS, JavaScript, and Bootstrap, showcasing skills and projects.
- Implemented dynamic navigation and animations for an engaging user experience, optimized for desktop and mobile devices.

Autonomous Rover using Unity | Github Link

- Designed an autonomous rover using Unity 3D, ROS2, and C#, capable of navigating grocery aisles and picking objects with 92% efficiency.
- Deployed the system using Docker containers, ensuring cross-platform compatibility and easy scalability