

SRIKANTH GANJI
Full Stack Developer

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Summary:

5+ Years of experience as a Java Developer with diversified exposure in analysis, design, development, and implementation of web- based applications. Proficiency in Agile methodologies, including Scrum stories and sprints, with a good background in data analytics and data manipulation. Good Understanding of Java/J2EE technologies such as JDBC, Java Beans, JSON, Restful, Servlets, Spring Boot, Hibernate, Spring MVC, and JSF. Well-Versed in client-side designing and validations using HTML, CSS, JavaScript, Bootstrap, jQuery, Ajax, JSON, and XML. In-depth level of understanding in the strategy and practical implementation of AWS Cloud-Specific technologies including EC2, EBS, S3, Lambda, SNS, Dynamo DB, etc. Working knowledge of Relational Database ORM frameworks like SQL Server, MySQL, and NoSQL databases like Mongo DB. Ability to use version control and configuration management tools like Git and GitHub.

Education:

Arizona State University, Tempe, AZ Jan 2021 – May 2022
Master of Science in Computer Engineering (4.00 GPA)
Coursework: Foundations of Algorithms, Distributed Database Systems, Cloud Computing, Data Mining, Data Visualization

Sreenidhi Institute of Science and Technology, Hyderabad, India Sep 2014 – May 2018
Bachelor of Technology in Electronics and Communication (8.90 GPA)
Coursework: Database Management Systems, Data Structures & Algorithms, Operating Systems, Object Oriented Design, Distributed, Multi-tiered Systems, Mathematics.

Professional Experience:

Amazon – USA Aug 2022 – Present
Software Dev Engineer

- Led the development of Multiview features for Alexa Echo Show 3, 5, and 8 devices, enhancing functionality and user experience.
- Contributed to the launch of Alexa Multiview by updating existing APIs for compatibility with Multiview flows, ensuring a seamless transition for users.
- Enhanced connectivity between Customer Home Registry Services and Alexa Endpoint Group Services using Java Spring Boot, significantly improving communication efficiency and reliability.
- Implemented server-side functionalities for dynamic web applications using Servlets, JSP, JSTL, JavaBeans, and JDBC technologies.
- Configured applications using Spring Boot and Spring Security for robust authentication and authorization.
- Developed Restful web services with JSON for efficient data transmission and retrieval.
- Utilized AWS services like CodeDeploy and managed AWS infrastructure through CloudFormation, streamlining deployment processes and infrastructure management.
- Spearheaded efforts to reduce end-to-end latency for live view streaming by optimizing backend Alexa cloud services, enhancing user experience and efficiency.
- Designed and implemented dashboards for monitoring Alexa metrics and alarms using Ruby and Python, improving monitoring capabilities and system health.
- Upgraded metrics and graphs for the Live View camera session handler, providing comprehensive data for analysis and optimization.
- Added metrics for Singleview session traffic to the Singleview dashboard, enhancing visibility into performance through volume and success rate graphs.
- Applied user interface guidelines and standards using HTML, CSS, JavaScript, and jQuery for intuitive website design.
- Developed a fully functional prototype application using JavaScript and Bootstrap, connecting to a Rest service hosted on AWS using Restful API Gateway and MongoDB.

Arizona State University – USA Feb 2022 - July 2022
Programming Assistant

- Led the development of the Intelligent Tutoring System web application, overseeing the implementation of Vue.js to create dynamic and interactive components, significantly enhancing user engagement and usability.
- Utilized HTML5 to optimize and structure the web application, resulting in improved performance, enhanced accessibility, and better compatibility across different devices and browsers.
- Implemented responsive dashboards and search features using JavaScript, improving the overall user experience by providing intuitive and efficient ways to access and interact with the system's features.
- Demonstrated advanced proficiency in CSS to design visually appealing and consistent user interfaces, ensuring a modern and professional look and feel for the application.
- Employed Bootstrap to create stylish registration forms, enhancing responsiveness and modernizing the design aesthetics, while ensuring a seamless user experience across different devices.
- Developed responsive web applications using HTML, CSS, JavaScript, Bootstrap, jQuery, Ajax, JSON, and XML.
- Involved in the design and maintenance of databases using Flask, SQL, and PostgreSQL through Restful APIs.
- Designed and developed Servlets and JavaBeans with dependency injection to implement the JSF Framework.
- Leveraged SDLC methodologies to manage the end-to-end software development lifecycle, resulting in the successful deployment of critical projects.

- Conceptualized and developed a web application using the MEAN stack to optimize space inside shipping containers, increasing efficiency by 60%.
- Built a Single Page Application (SPA) using the MERN stack, focusing on React for frontend development.
- Updated the application with new features in React.js, enhancing its functionality and user experience.
- Leveraged React.js to improve application performance and implement features such as React-Autocomplete for Google Maps location search.
- Utilized React.js for templating to streamline development and create reusable components.
- Executed Angular 7 applications, including directives, controllers, and services.
- Worked extensively on the backend using Java with the Spring MVC framework and Spring Boot-based services through REST.
- Drafted SQL scripts and queries for efficient data processing from the database.
- Developed page layouts, navigation, animation buttons, and icons using HTML, CSS, and JavaScript.
- Created forms to collect and validate data from users using HTML and JavaScript.
- Employed JavaScript and jQuery to enhance user interactivity, including pop-up screens and drop-down menus.
- Used Bootstrap for effective web page design, ensuring responsiveness and consistency across browsers.
- Led comprehensive support, maintenance, and bug fixes for E-Business Suite, ensuring seamless operation and cross-browser compatibility.

Academic Projects:

Google Cloud Platform Application – FREEBIE: Django framework, HTML, CSS, JavaScript, and Backend using python.

Elastic Cloud Application - Using AWS: Amazon Web Services (AWS) such as Amazon Elastic Compute Cloud (EC2), Amazon Simple Storage (S3) and Amazon Simple Queue Service (SQS).

E-commerce Website - Angular 6, Node.js, Express.js, and MongoDB: web-based application, MongoDB, front-end of the application using Angular.

Vast Mini Challenge 2019 “Voice from the people” - D3 JavaScript: D3 JavaScript framework, Implemented the code to generate the geojson map and to visualize.

Skills:

Programming Skills:	Python, JavaScript, TypeScript, C, JAVA
Databases:	MongoDB, MySQL, SQL Server, PostgreSQL
Web Technologies:	Angular 8, React, Redux, React Hooks, MVC, HTML, CSS, jQuery, JSON, Bootstrap
Frameworks, Libraries:	Django, Flask, React, Node, Spring MVC
Tools and Software:	Eclipse IDE, Visual Studio, Tableau, MATLAB, GitHub
Cloud & Technologies:	Amazon Web Services, Google App Engine, Git, Jira
Methodology:	SDLC, Agile, Scrum, Waterfall
Languages:	Java, SQL, Core Java, Java8, Python
Frameworks:	Spring MVC, Spring Boot, JSF, Hibernate, Spring Boot, Microservices, CI/CD pipelines
IDEs:	IntelliJ IDEA, Eclipse, VScode, NetBeans
Cloud Computing:	AWS, Azure, GCP, AWS Microservices, AWS Lambda
J2EE Technologies:	Servlets, JSP, JSTL, JavaBeans, JDBC, JSTL, Spring JSF, JQuery, RESTful APIs
Web Technologies:	HTML, CSS, JavaScript, Bootstrap, jQuery, Ajax, JSON, XML, Angular JS
Build /Other tools:	Maven, Junit, Mockito
Version Control Tools:	Git, GitHub
Operating Systems:	Windows, Linux

Certifications:

- Google Cloud certified in G Suite