Naveen Chelluboina

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SUMMARY

- 7+ years of experience designing and implementing scalable, robust web applications, Web Services, WEB API, using JAVA, Core Java, Angular, React.
- Extensive experience on developing web applications using Spring Boot, Spring Security, Spring Core, Spring MVC, Spring AOP, Spring Actuator, Spring ORM, Spring JPA and Spring REST.
- Knowledge in developing applications using Java/J2EE technologies Hibernate, JSP, JSF, AJAX, JDBC, JavaBeans, Swing, Web Services, JMS. Proficient in leveraging a spectrum of MVC frameworks including Angular.JS and to architect robust and scalable web applications. Experience with Java 11 and 17, leveraging features like sealed classes, enhanced garbage collection, and the new HTTP client.
- Used AWS CDK to automate the deployment of Lambda functions and related infrastructure. Built AWS Lambda functions for real-time event processing and optimized workflows. Added caching in AWS Lambda to avoid repeated processing and keep data fresh with time limits.
- Experience with messaging systems like Kafka, Kafka event sourcing. Worked in using React JS components, Forms, Events, Keys, Router, Animations and Redux concept. Expertise in Bootstrap, Angular and Cloud Technologies (AWS,GCP).
- Extensive experience in developing applications Single Page (SPAs) using various JavaScript frameworks like Angular 2.0, React.JS and Back-end (Server) like Node.js, Express.
- Implemented Docker containers to create images of the applications and dynamically provision slaves to Jenkins CI/CD pipelines Implemented a server less architecture using API Gateway, Lambda, and Mongo DB and deployed AWS Lambda code from Amazon S3 buckets.
- Created a Lambda Deployment function and configured it to receive http events. Developed CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for the runtime environment for the CI/CD system to build, Test and Deploy. Testing/Debugging Tracking Tools, Google Chrome Debugger, IE developer Tools, JIRA, Jest.
- Created Micro services as part Lambda function development using Node.js Serverless architecture. Developed Docker image and containers for the application by configure Docker file, using Docker Compose to manage images Worked on Kubernetes, Configuring the Kubernetes pods and testing the pods.
- Experience in using build/deploy tools such as Jenkins, Docker, and AWS for Continuous Integration & Deployment for Microservices. Hands-on experience in using message brokers such as RabbitMQ and Apache Kafka.
- Experienced in using Version Control Tools such as Git, Bitbucket. Excellent working knowledge and thorough exposure on compatibility issues with different versions of browsers like Internet Explorer, Mozilla Firefox, Safari, and Google Chrome.

SKILLS

- JAVA/J2EE
- Spring
- Microservices
- Hibernate
- REST
- Js
- Angular
- React
- Node js
- AWS

EXPERIENCE

Software Engineer

Capital One Software | Apr 2024 – Present

Engineer on Slingshot, bringing Capital One's first SaaS product to market. Developed expertise in Capital One Slingshot, a tool for optimizing Snowflake investments through actionable insights, cost monitoring, and proactive alerts, enhancing data management efficiency.

- Developed **Aws lambda** for canceling all warehouses when clients are offboarded leveraging AWS to provision serverless infrastructure and automate the deployment of Lambda, API Gateway, and DynamoDB resources. Developed IAC scripts using Terraform to automate the provisioning of AWS resources, ensuring consistent and repeatable deployments.
- Integrated AWS Lambda with caching mechanisms to minimize redundant API calls and improve data retrieval speeds, providing a more responsive and scalable system for users managing Snowflake warehouse resources. Utilized AWS CDK to define and deploy cloud infrastructure.
- Deployed and managed microservices in **ECS** and leveraged **SNS/SQS** for asynchronous communication. Developed, and deployed microservices using **Java** and **Node.js** in containerized environments like **Docker and ECS**.
- Developed and managed AWS CDK scripts to provision and scale Redis clusters and DynamoDB caches automatically, ensuring that Slingshot infrastructure could handle dynamic workloads with minimal latency during peak usage. Integrated caching layers into Slingshot's architecture, utilizing Redis for in-memory caching and DynamoDB for persistent, low-latency data storage
- Involved in the migration of Slingshot application from a multi-repository architecture to a monorepo, integrating gRPC and tRPC Java services into a Node.js and React ecosystem. This includes restructuring APIs and transitioning them to Node REST for streamlined service management and enhanced scalability.
- Implemented complex **SQL queries** and developed **stored procedures** in **Postgres** and MySQL for critical application functionalities. Created automated testing strategies to enhance API development (REST/gRPC). Onboarded customers by creating org templates and access permissions (**DynamoDB**)
- Developing a warehouse alert system, empowering end users to create, manage, and configure alerts in real time. Developed UI workflows that enable customers to manage Snowflake warehouses. This project enhances operational efficiency by enabling timely notifications and proactive management of warehouse resources.
- Utilized Java 17 features like **records** for efficient and type-safe JSON deserialization, **sealed classes** to enforce strict class hierarchies for maintainable domain models, and **pattern matching for** instanceof to simplify type checks and casting, enhancing code readability and reducing boilerplate.

Software Developer

Belk INC | May 2023 – March 2024

I played a pivotal role in redesigning critical components of their e-commerce platform. This included optimizing the checkout process, revamping product descriptions and listings, and integrating Belk Rewards and gift cards functionalities. I led the development of backend APIs using Java and Spring Boot to support these features, ensuring seamless communication between frontend and backend systems.

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- Integrated third-party APIs such as loqate, card utils, after pay for features like shipping options, enriching the platform's capabilities in react.
- Leveraging technologies such as React, I implemented interactive user interfaces with dynamic elements like color selection and size customization, significantly enhancing user engagement.
- Utilized Spring Core annotations for Dependency Injection, implemented Rest API's using Spring MVC, and developed Microservices with Spring Boot. Additionally utilized Java8 features such as Lambda expressions, creating resource classes, and fetching database documents. Developed batch processing workflows using Spring Batch to handle large-scale data processing requirements in a distributed environment.
- Implemented a generic prompt-driven platform in slack using Java Spring Boot to facilitate seamless integration between enterprise applications. Designed a subscription-based system where applications could register and involved in development of adapter modules responsible for mapping events to and from external APIs, enabling communication with third-party tools like Slack, Box, and Wrike.
- Utilized a wide range of React.js capabilities, including form handling, event management, routing, animation integration. Implemented these features to optimize workflows and improve the efficiency of development processes within projects.
- Implemented REST Microservices using spring boot generated Metrics with method level. Used Zipkins for distributed Microservice Monitoring. Integrated Swagger UI and wrote integration test along with REST document. Utilized Java 11 features such as the var keyword, new HTTP client, and API enhancements for optimizing backend services
- Actively collaborated with team members through platforms like GitHub, fostering a transparent and efficient code review process.
- Build an API to get the data of items added to cart by user including all promo details and additional offer suggestions.
- Integrated third party Payments APIS and exposed API to customize code to handle enabling /disabling different payment options.

Technology Analyst

Infosys Ltd | Dallas, TX | Nov 2019-Aug 2021

I played a crucial role in enhancing web-based software solutions for Online Banking Application. I was involved in the development and deployment of Identity Microservices using Spring Boot within a Microservices architecture, integrating technologies such as REST, Swagger, Cassandra, and messaging queues (MQ). This implementation ensured modularity and robust API functionality. Additionally, I designed and tested Single Page Applications (SPAs) using HTML5, CSS3, Bootstrap, and JavaScript, creating intuitive and responsive user interfaces for Citi Bank's web applications.

- Converting figma designs to HTML templates and creating web components using React for building reusable components.
- Design, Developed and Deployed enterprise advice applications using spring boot for REST services in EC2.
- I designed and tested Single Page Applications (SPAs) using HTML5, CSS3, Bootstrap, and JavaScript, creating intuitive and responsive user interfaces for Citi Bank's web applications.
- Throughout the project, I leveraged CI/CD pipelines with Jenkins, managed code repositories using Bitbucket, and ensured effective bug tracking and project management with JIRA.
- My expertise in Microservices, RESTful API development, SPA design, and cloud technologies contributed to delivering scalable, secure, and high-performance solutions tailored to meet Citi Bank's requirements and objectives.
- Used JDBC connection pooling to access the database seamlessly. Wrote complex SQL statements to retrieve data from the DB2 database. Used POSTMAN for testing the web services, both in-house and external.
- Utilized a variety of React JS features such as forms, events, keys, router functionality, animations, and the Flux concept to enhance work processes.

- Developed DAO's (Data Access Objects) to interact with the database using Hibernate and spring data JPA. Also worked on creation of Docker images, Containers, push/pull and on integration with Spring Boot.
- Designed and Implemented proxy for slack operations and developed reactive API endpoints using Java Spring Boot for handling various channel operations, including app onboarding, channel creation, archiving, unarchiving, and user invitation.

Java Developer

Tech Mahindra | May 2017-Nov 2019

During my tenure at Tech Mahindra for GSK, I was involved in the development and evolution of the "Master Template" application—a pivotal internal tool enabling streamlined creation of web templates, email templates, and e-detailers by other developers. I was invovled in migration of GSK Presentations to Angular technology, rebuilding the application from scratch using Angular 5 to enhance scalability and performance. Within the Master Template application, I actively contributed to feature updates, API development, and ORM implementation, ensuring seamless communication and data management. Leveraging Angular, HTML5, CSS3, SCSS, and JavaScript.

- Designed and developed an End-to-End customer self-service module using Node.js with Angular 6 for the front end, integrating with backend services through RESTful APIs.
- Actively involved in improving feature updates, API development, and ORM implementation in the Master Template application to ensure smooth communication and efficient data management.
- Developed multiple custom elements in angular (decorators, directives, pipes), also developed responsive web application pages using custom web components using Angular 7.
- Implemented HTTP requests using RxJS Observable library to handle multiple values over time.
- Enhanced application performance by Angular 6 Component based development in view of future Angular framework transitions.
- implemented RESTful APIs within the "Master Template" application to facilitate smooth communication and efficient data management.

Associate Developer

Vrusoft Pvt. Ltd. | Hyderabad | May 2016-May 2017

- Involved in development of User Interface using HTML/HTML5, CSS/CSS3, JavaScript, and jQuery, AJAX, JSON.
- Involvement in all the cycle of development form mock design to Webpages.
- Involved in writing application-level code to interact with APIs, Web Services using AJAX, JSON and XML.
- Used the Collections API, Generics, multi-threading while developing code.
- A user provision script developed using Nodejs which includes fetching files from SFTP server and creating users in ldap and database using rest api calls. Used Node.JS to structure JavaScript code to build Restful webservices.
- Utilized version control systems such as Git to manage source code changes.

EDUCATION AND TRAINING

Bachelor's in computer science
VNRVJIET, Hyderabad

Master's in computer science
University of North Texas

TECHNICAL SPECIFICATIONS

Java, Typescript, JavaScript, NODE JS, HTML5, CSS3, JSON, Bootstrap, Vue js, Angular 2/4/6/8/9, React JS, REST, XML, JPA, Spring, Hibernate, Spring MVC, Spring Boot, Spring Data, Core Java, Maven, Gradle, Jenkins, Junit, TestNG, Mockito, Jasmine, GIT, Bit bucket, JIRA, Rally, Microsoft Project, Splunk, SQL Server 2012, Mongo DB, Oracle, Waterfall, TDD, Agile