

Sudheer Bezawada

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PROFESSIONAL SUMMARY

- Over **5** years of experience as a **Java Developer**, possess a strong background in designing, developing, and maintaining robust and scalable applications.
- Expertise in object-oriented design and development is complemented by in-depth knowledge of microservices architecture and **RESTful API** development using **Java (8 or above), Spring Framework, and Spring Boot**.
- Proficient in utilizing version control systems such as **Git/GitHub**, containerizing applications with **Docker**, and managing **relational databases** using **SQL**.
- Experience of enterprise level application development with Java centric technologies in the **domain of Trading & Broking and healthcare**.
- Implemented **CI/CD** pipelines with Gradle and deploying cloud-based solutions on **AWS**.
- Experience includes handling real-time data streams with **Kafka**, orchestrating containerized applications using **Kubernetes**, and automating infrastructure with **Terraform**.
- Committed to writing clean, maintainable code and maintaining thorough documentation to facilitate seamless **project handovers** and team collaboration. Extensive experience working in a **Test-Driven Development and Agile-Scrum Development**
- Good working knowledge of **J2EE best practice toolsets** such as **Ant, Maven, Log4j, Slf4j**
- Employing Java Object/Relational bridge technologies such as **Hibernate, JPA, and spring**. **Good experience on Scala**.
- Developed applications using frameworks and API like **Struts, Spring MVC**.
- Good Experience in implementing **Puppet, Chef, Jenkins** and **Docker**.
- Experience in using various **Amazon Web Services (AWS)** Components like **EC2** for **virtual servers, S3**.
- Developed applications based on **Model-View-Controller (MVC)** architecture using core design patterns (creational, structural, behavioral) and J2EE design patterns (Data Access Object, Business Delegate, Service Locator, Session Façade etc.)
- **Worked on AWS, High Availability Practices and deploying backup/restore infrastructure**
- Good knowledge in **Restful Web Services**
- Good Knowledge of using **IDE Tools** like **Eclipse, Net Beans, JBuilder, Rational Application Developer (RAD)** for **Java/J2EE** application development. Expertise in database modeling and development using **SQL, T-SQL and PL/SQL in Oracle and SQL Server** environments.
- Expertise in developing applications using **Web Services (SOAP, RESTFUL), Core Java, JDBC, Servlets, JSP, HTML, Java Scripts and develop Jasper Reports, Birt, Reports**. Experience in **Unit testing** using **JUnit, Selenium**
- Experienced in using Operating Systems like **Windows XP/7/8, AIX, and Sun Solaris**.
- Extensive experience in developing Web Services applications using **REST Client, REST API, SOAP UI, dozer mapper**.
- Experience with web development technologies like **HTML, CSS, JQuery, AngularJS, JavaScript, JSP and JSON**.

PROFESSIONAL EXPERIENCE

Software Engineer | Robinhood, Wichita, KS

June 2024 – Present

- Contributed to the **Robinhood Strategies platform**, enabling automated investment, portfolio optimization, and **personalized trading insights** for retail investors.
- Designed and developed **Java / Spring Boot microservices** handling real-time order execution, strategy evaluation, and portfolio rebalancing.
- Built and optimized **RESTful and GraphQL APIs** for seamless data exchange across trading, analytics, and user-facing applications
- Implemented event-driven processing **pipelines using Apache Kafka and Redis**, improving message throughput and system responsiveness.
- **Partnered with Data Analyst and Data Science teams** to deploy backtested investment models and integrate data-driven insights into production systems.
- Designed and developed responsive web interfaces using **React, TypeScript, and CSS**, applying reusable component architecture
- Improved system **reliability and scalability**, achieving service availability and **reducing API latency by 30%** through caching and query tuning.
- Deployed and monitored distributed services on **AWS (ECS, S3, CloudWatch)** using **Docker, Jenkins, and GitHub Actions** for **automated CI/CD pipelines**.
- Participated in **daily Agile ceremonies** with cross-functional teams. Performed **code reviews** and mentored junior developers on clean coding practices. Worked with Trac, Subversion (**SVN**), and Wiki to track various aspects of the project.
- Implemented scalable RESTful APIs using Node.js and Express, integrating JSON-based data flows with secure authentication mechanisms like OAuth 2.0, and applying microservice-oriented architecture for modular backend services.

Key Technologies: Java, Spring Boot, Kafka, GraphQL, React, TypeScript, CSS, REST API, Docker, AWS, Jenkins, PostgreSQL, MongoDB, Redis, Microservices, CI/CD

- Developed and maintained **Java Spring Boot microservices** aligned to healthcare document workflows and claims processing systems
- Built secure RESTful APIs for seamless integration between web modules and backend services
- Created front-end features using **ReactJS and Bootstrap, enhancing the usability for healthcare operations users**. Managed Dell Boomi integration flows to connect internal claim systems with external payer APIs
- Applied HIPAA-compliant data handling in all backend and integration layers ensuring secure processing. Wrote unit and integration tests using JUnit, and validated **REST endpoints with Postman**. Containerized microservices using Docker and managed container orchestration through Kubernetes
- Implemented **CI/CD pipelines using Gradle and integrated them with Jenkins** for automated deployment. Built Dell Boomi connectors to sync employee healthcare eligibility between vendors. Managed Kafka streams for real-time status updates on healthcare tasks and events
- Automated infrastructure provisioning using Terraform, including **AWS Lambda and S3 configurations**. Created structured MongoDB and Oracle schemas to manage claims and patient reference data
- Followed **Agile methodology** with daily stand-ups, story point estimations, and retrospective meetings. Applied Spring Security to protect sensitive endpoints and support RBAC-based user flows
- Used Node.js scripts in build pipelines for automation of file processing
- Integrated **AI and ML features into backend systems using Spring AI** framework and custom pipelines, enhancing patient risk analytics and predictive modeling. Collaborated with offshore testers to ensure seamless QA cycles
- Refined backend performance using Java 8 streams and thread pooling. Generated and documented API specifications using AI
- **Used GIT for version control**, enabling efficient branching and merging across development. Logged application metrics using AWS CloudWatch for proactive monitoring
- Implemented the Spring dependency injection of the Database helper instance to the action objects.

Software Developer | Team Tarak Trust

Jan 2019 – Dec 2021

- **Led Development & Management:** Directed the creation of an Android app and website for a charitable trust, utilizing Java for Android and **HTML/CSS/JavaScript for front-end development**.
- Integrated **Google Maps API with GPS** to display nearest ports and improve location-based services
- Developed features in both **Web Backend (Java, Go, C/C++) and Web Frontend (React.js)**.
- Built Android components for Bluetooth, GPS, and Location Connectivity. Implemented unit and integration tests using Mockito, JUnit, Robotium, Appium, and Robolectric.
- Applied **Google's Material Design** for enhanced user experience and modern UI. Designed ListView and integrated SQLite databases for shipment monitoring. Developed cross-platform functionality integrating Wi-Fi, GPS, Camera, and Bluetooth.
- Used **Android NDK and Kotlin** to improve performance and stability. Implemented push notification framework leveraging Google's cloud messaging services. Managed dependencies and builds with Gradle, reusing or customizing third-party libraries.
- Supported desktop version of the app using **Backbone.js, JavaScript, and RESTful JSON APIs**. Worked on internationalization APIs (Formatters, Collation, Message Format) for global reach. Rendered 2D graphics with OpenGL for enhanced visualization.
- **Built iOS applications with Objective-C, Cocoa Touch, Swift, XCode, Xamarin, and CoreData**. Developed cross-platform native apps using Vue.js and NativeScript.
- Facilitated Community Support: Designed features to connect individuals in need with potential donors, including donation requests, blood donation drives, and trust event notifications. Database Management: Employed MySQL for effective database management, ensuring secure and reliable data storage increased application efficiency by 30%.
- Achieved High Engagement: **Successfully achieved over 20,000 app downloads**, indicating strong user engagement and community interest. Enhanced Online Presence: Built a robust online platform that strengthened the trust's visibility and fostered community engagement improved user retention by 150%.

EDUCATION

Master of Science in Computer Science

Wichita State University, Wichita, Kansas, **CGPA:3.97/4.0**

SKILLS

Programming Languages :- Java, Scala, Python, C#, PL/SQL, Bash, UML, JavaScript (ES6+), TypeScript, HTML5, CSS3, XML, JSON**Frameworks & Libraries :-** Spring (Core, Boot, MVC, Security, AOP, ORM, JDBC, JMS, Batch, Quartz), Hibernate, Struts, JSF, JSTL, Servlets, JSP, Node.js, Express.js, Grails, Mule ESB, RESTful APIs, SOAP Web Services**Frontend:** React, Redux, AngularJS, Angular 2+, jQuery, Bootstrap, Tailwind CSS, Material-UI**Backend:** Node.js, Express.js, Grails, Mule ESB**Databases :-** Oracle, MySQL, MS SQL Server, PostgreSQL, MS Access, SQLite, MongoDB, DynamoDB, Cassandra**Data & Analytics :-** SQL, Tableau, Power BI, Data Visualization, A/B Testing, Metrics Definition (KPIs, OKRs)**Cloud & DevOps :-** AWS (Lambda, API Gateway, EC2, S3, IAM), GCP, Docker, Kubernetes, Terraform, YAML**Version Control & CI/CD:** Git, SVN, CVS, ClearCase, Jenkins, Gradle, Webpack, PowerShell, Linux/Unix Shell Scripting**IDEs & Tools :-** Eclipse, NetBeans, RSA, RAD, WSAD, Jira, VS code**Testing & QA :-** Unit Testing: JUnit, Mockito, API Testing, Frontend Testing: Jest, Mocha, Cypress**Application Servers & Methodologies:-** Apache Tomcat, JBoss (4.2.x, 5.x, 6.1 EAP), WebSphere, WebLogic, Agile, Scrum, TDD, XP