



Manikanta

Java Application Developer

Work Location: Riyadh (KSA)

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Professional Summary :

- Strong in coding and integration with intuitive problem-solving skills. Passionate about implementing & launching new challenging things. Have strong ability to translate business requirements into technical solutions.
- Having good knowledge and hands on experience in **Core Java, Multithreading, Spring Boot** and **JDBC**.
- Use expertise in Software Development Life Cycle (SDLC) and Java technologies to meet the client requirement.
- Proficient in **Spring Boot** for developing scalable and modular web applications.
- Utilized **Spring MVC** to design and implement RESTful APIs with a clean architecture.
- Designed and optimized relational database schemas in **MySQL** and **PostgreSQL** to support high-performance applications.
- Used **Spring Data JPA** to streamline database operations with minimal boilerplate code.
- Integrated **Hibernate ORM** for managing complex data relationships and reducing query complexity.
- Used **Maven** to manage dependencies and build Spring Boot applications, reducing build times and ensuring compatibility.
- Collaborated with version control tools like **GIT** for code management and branching strategies in team environments.
- Utilized **Postman** for API testing, ensuring the reliability and functionality of RESTful services.
- Designed and implemented dynamic and responsive web applications, focusing on backend efficiency with Spring Boot.
- Configured and maintained project dependencies with **Maven**, ensuring seamless integration with external libraries and plugins.
- Automated build processes to enhance team productivity and project consistency.
- Implemented data persistence layers using **Spring Data JPA** to efficiently manage CRUD operations.
- Leveraged custom JPQL and criteria queries for advanced data retrieval.
- Implemented profiles to differentiate development, testing, and production configurations.
- Expert in IntelliJ IDEA, leveraging its productivity tools like live templates, version control integration, and debugging capabilities.
- Configured application properties to manage database connections API endpoints and environment-specific settings using application.properties and application.yml

Professional Experience :

- Working as a Production Support Engineer in “**SNS (Saudi Networkers Services)**” **Riyadh**, Nov 2022 to till date.
- Worked as an Associate software Engineer in “**Wipro Technologies**”, **Bangalore**, January 2022 – November 2022

Educational Qualification :

- B.Tech in CSE(**Computer Science**) from Anurag Engineering College with CGPA 8.0, Hyderabad.

Technical Skills :

Programming Languages	Java, Python, C, C++
Databases	ORACLE, POSTGRE, SQL
Web Technologies	Java Script, Servlet, JDBC, JSP, JQuery, HTML5, CSS3
Frameworks	Spring, Spring MVC, Spring Boot, Microservices, Hibernate, JPA, Webservices, RESTful API
Tools/IDE	IntelliJ, Eclipse, Visual Studio, Pycharm, Jupyter Notebook, MySQL Workbench, GitHub
Operating Systems	RHEL 8.x, Windows Server 2022
Application/Web Server	Tomcat
Support Tools	SMAx, Jira

Work Experience :

Project :1

Client: STC Bank, Riyadh

Nov 2022 - till date

Designation: Production Support Engineer

Technologies: Spring Boot, Microservices, OAuth2, JWT, Spring Data JPA, Oracle SQL, Elastic

Project Overview:

Supported for the **Amlock** application, an advanced Anti-Money Laundering (AML) system designed to monitor and analyze financial transactions for suspicious activities in real-time. The system was built on a **Spring Boot** microservices architecture to ensure scalability, reliability, and high availability. As part of the production support team, I played a pivotal role in maintaining the performance, security, and compliance of the system.

Key Responsibilities:

- **Spring Boot Microservices Support:**
Supported **Spring Boot-based microservices** deployed across various environments, ensuring **high availability**, scalability, and **performance optimization** of the **Amlock** AML solution.
- **Incident Management and Troubleshooting:**
Led the **incident management process**, identifying, troubleshooting, and resolving production issues. Collaborated closely with developers to perform **root cause analysis** for system outages, performance issues, and application errors, reducing downtime and improving reliability.
- **Performance Optimization:**
Implemented solutions to enhance the performance of **Spring Boot services** within **Amlock**, including **query optimization**, **caching strategies** (using **Redis**), and **application profiling** using tools like **Elastic** and **Dynatrace** to monitor system health and key metrics.
- **Security and Compliance:**
Ensured that **Amlock** met all security standards by supporting the integration of **OAuth2** and **JWT** for **secure authentication** and **authorization** across microservices, ensuring the application adhered to internal and regulatory security requirements.

- **Database Management:**
Supported the database-related tasks for **Spring Data JPA** and **PostgreSQL**, including database migrations, schema changes, and tuning database queries for optimal performance. Assisted in resolving data consistency and integrity issues across production environments.
- **Monitoring and Alerts:**
Utilized **Dynatrace** and **Elastic** for **system monitoring**, implemented real-time alerts and ensured that any abnormal behavior was immediately detected and acted upon.
- **Root Cause Analysis (RCA) and Problem Resolution:**
Conducted **root cause analysis** for recurring issues, such as system crashes or slow performance, and provided detailed reports to the development team, leading to actionable insights and improvements to the system's overall stability.
- **Client and Team Coordination:**
Acted as a liaison between production support and development teams, ensuring that all production issues were promptly addressed and fixed. Collaborated with client-facing teams to gather feedback and enhance the overall user experience.

Key Achievements:

- Reduced the average incident resolution time by 30% by streamlining the troubleshooting process for Spring Boot microservices.
- Improved **application performance** by implementing efficient query optimizations and leveraging **caching**, reducing latency by 40%.
- Increased **system reliability** by proactively identifying and resolving critical performance bottlenecks, contributing to zero downtime during peak transaction periods.

Project :2

Client: **Wipro Technologies**

Designation: Associate Software Engineer

Project: **GFiber(Google Fiber Help center Portal)**

January 2022 – November 2022

Technologies: React.js, Next.js, JavaScript, CSS3, HTML5, Node.js, Github, Material-UI

Project Overview:

Developed a dynamic, user-friendly, and responsive **Broadband Service Portal** for a leading broadband service provider. The portal was designed to allow customers to view broadband plans, manage subscriptions, track data usage, and request technical support. The portal needed to be highly performant, user-friendly, and capable of handling high traffic.

Key Responsibilities:

- **Frontend Development:** Developed intuitive user interfaces using **React.js** and **Next.js**, focusing on a clean, responsive, and mobile-first design.
- **Server-Side Rendering (SSR):** Utilized **Next.js** for server-side rendering to optimize SEO, page load time, and performance across various devices.
- **UI Components:** Built reusable UI components like card views, dropdowns, modal windows, and progress bars using **Material-UI** to ensure consistency across the platform.
- **API Integration:** Integrated various external services and backend APIs to retrieve user data, broadband plans, payment details, and service history.
- **Real-Time Data:** Incorporated real-time data features for live data updates, such as usage tracking and service availability updates.
- **Routing & Navigation:** Implemented dynamic routing and optimized page navigation in **Next.js** to create a seamless experience between user dashboards, service pages, and support sections.
- **User Authentication:** Integrated **OAuth 2.0** and **JWT** for user authentication and secure session management.
- **Styling & Responsive Design:** Designed and developed a responsive, accessible, and intuitive UI using **CSS3** and **Flexbox** to ensure compatibility with mobile and desktop platforms.
- **Performance Optimization:** Applied techniques like **code splitting**, **lazy loading**, and **image optimization** to improve page load time and overall user experience.
- **Version Control:** Managed source code and collaborated with backend and design teams using **Git** and **GitHub** for efficient version control and issue tracking.

- **Testing & Quality Assurance:** Wrote unit and integration tests for React components using **Jest** and **React Testing Library** to ensure code quality and stability.

Key Achievements:

- Successfully built and launched the **Fiber Service Portal**, which saw a 30% increase in customer engagement and self-service actions.
- Improved the page load speed by 35% by implementing **server-side rendering (SSR)** with **Next.js** and optimizing assets.
- Integrated a live data dashboard for customers to track broadband usage and service health in real-time, improving customer satisfaction by 25%.
- Contributed to achieving a mobile-first, fully responsive design that resulted in a 20% increase in mobile usage and interaction.

College/Industrial Trainings :

Project #1

Title: Heart Disease Prediction

Company: Indian Servers LTD

Duration: 2 Months (15th Sep 2021 to 18th Nov 2021)

Designation: Intern

Environment: Machine Learning

Roles/Responsibilities:

- Effectively worked on various frameworks to validate ML algorithms.
- Using Numpy, Pandas, Scikit-Learn, Tensor Flow, Keras, Matplotlib, Seaborn for analysing the data in the datasets.
- Trained Machine Learning algorithms & different ML Models (Random Forest, XGBoost, Logistic Regression, KNearest Neighbours)

Awarded the Best **Final year** project in **computer science** for innovative software solution development in 2021

Project #2:

Title: Online Blood Bank

Company: Swecha

Duration: 6 Weeks (1st July 2020 to 15th Aug 2020)

Designation: Intern

Environment: JAVA Development

Details/Responsibilities:

- Developed all the modules for blood bank portal from scratch.
 - Analyzing of different requirements for a particular module in the application. Maintaining & Fixing bugs and errors rose in application.
 - Implemented HTML5, CSS and JavaScript.
 - Understanding the Requirement Documents and developing them according to the documentation.
 - For project info, view using the link: [View Project](#)
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- Earned **first place** in a technical project event **Poster presentation** at Deemed university , showcasing clear and engaging skills .
 - Led the **National Service scheme's blood donation program** , organizing and promoting successful blood drives , demonstrating leadership skills over two years .

Trainings :

- Attended seminars and corporate trainings on **JAVA (Full Stack), DATASCIENCE, PEGA, IBM DATAPOWER**
- Leading speaker on DEVELOPEMNET/TECHNICAL SKILLS .

Personal Details :

- Passport Number: **Z6260519**
- Visa Status : **IQAMA**
- Marital Status: **Single**

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