Adeel Ahmed
Senior Java Software Engineer

Experienced Full Stack Developer with Expertise in Java, Spring, Spring Boot micro services architecture

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Experienced and results-driven Technology Nomad, adept Software Developer, and seasoned Senior Software Engineer with over 12+ years of hands-on expertise in designing, developing, and leading the implementation of diverse web-based applications. Proficient in a multitude of technologies including Java, spring, Spring Boot, and micro-services architecture. Adept at steering projects through the complete software development life cycle, from initial business analysis to solution design, development, and successful delivery. Proven track record in leading and mentoring teams of up to 8 individuals, ensuring effective communication and collaboration. Completed a Masters in Data Science, showcasing a commitment to staying at the forefront of emerging technologies. Recognized as a motivated and forward-thinking professional with a keen eye for optimizing software development processes. Currently serving as a Senior Software Engineer at L3S research.

WORK EXPERIENCE

1 MAR 2024 – CURRENT Hannover, Germany
SENIOR SOFTWARE ENGINEER IN L3S
- Development of Micro services using spring-boot, java, JPA.
- Docker, Kubernetes, Development of the customize Kubernetes scheduler using the Go-lang.

1 APR 2023 – 12 JAN 2024 Napoli, Italy
SENIOR SOFTWARE ENGINEER IN SIPLI FLEET SRL
- Java, Spring Boot, Service Discovery, API Gateway, Docker, Strategies for optimal performance.
- Led and mentored teams of 8 developers, fostering a collaborative and productive work environment. Implemented agile methodologies for efficient project management and iterative development. Collaborated with stakeholders to gather and analyze business requirements.
- Developed comprehensive user stories and use cases for accurate system representation. Prioritized requirements based on business value and feasibility.
- Identified and automated manual processes through the development of scalable micro services.
- Designed architecture for scalability and flexibility to meet evolving business needs.
- Fleet Tracking and Fleet Management Products.

1 MAR 2021 – 31 MAR 2023 Napoli, Italy
SENIOR SOFTWARE ENGINEER JAVA | DOT NET | FULL STACK IN E-DEA TRANSPORT
- Development of the large-scale web application using the spring-boot, java, React, Angular and JPA with micro-services architecture and providing support on the existing application as a full stack development.
- Support and develop new functionalities in the existing products .net framework, C#.
- Leading the project specifications and domain requirement.
- The design of the architecture of the application.
- Port and shipping booking system, turnstile management, terminal management, port operations management system.

MAR 2017 – SEP-2020
SENIOR SOFTWARE ENGINEER JAVA | DOT NET | FULL STACK IN NISUM
- Development of the large-scale web application using the spring-boot, java, React, Angular and JPA with micro-services architecture and providing support on the existing application as a full stack development.

- Family Tree Product, Big 1000 Branches school, e-commerce Application with Java micro services and react.
- Lead the whole news CMS product and a news website.
- Responsible for the development of the website and news CMS in Asp.net MVC and AngularJS and .net framework.

1 OCT 2014 – 31 JAN 2017

ASSOCIATE SOFTWARE ARCHITECT IN AXACT PVT LTD

- Responsible for development of applications in C#, Asp.net MVC and knockout JS based technologies.
- Support for the already developed internal software application.
- Worked on Valet Management system, Tracking application using Google API.

10 JAN 2012 – 30 SEP 2014

SENIOR SOFTWARE ENGINEER IN PARADIGM SOLUTION

- Responsible for design and development of web-based applications.
- Provided technical assistance to fellow team members.
- Actively participated in software architecture and design meetings.
- Mobile Application Development using Phone Gap and web services.
- UROVO devices applications.

1 MAY 2011 – 30 SEP 2012

SOFTWARE ENGINEER IN SOFDIGITAL SYSTEMS

- Responsible for design and development of web-based applications.
- Actively participated in software architecture and design meetings. The product I have participated was
- The HCM which includes the HRMS, Payroll, ESS and Time office management.

SUMMARY

- Skilled Full Stack Java Spring boot Micro services developer with 12+ years' experience in design, development and support for web/enterprise applications in various domains.
- Working as Senior Software Engineer at L3S since March 2024.
- Experienced in software architecture and best practices with practical experience of large scale applications development.
- Experience in software development life cycle models like Agile-Scrum Methodology and Waterfall.
- Good ability to operate in Windows OS environment.
- Strong knowledge of existing application frameworks with practical experience of designing several special purpose domain specific frameworks.
- Awareness of the Web Development industry, and modern technologies based on client side MVC or MVVM pattern.
- Design & implementation of web application interface with a JSP Servlet, Spring MVC, ASP.NET MVC, Asp.net web forms, and .net frameworks and Spring Framework.
- Design & implementation of Fluent N-Hibernate entities and repositories and involved in developing the service layer architecture.
- Design and develop the cross-platform mobile applications using Phone Gap framework in android and IOS and jQuery mobile UI.
- Developed the UROVO android SDK application as a product for payment system. Implemented Scanning of the RFID, barcode, coupon code etc.

TECHNICAL SKILLS

- Java, spring boot, JPA, JWT, Kafka, Rabbit-MQ, Docker, GIT, Micro services architecture and design.
- Web Server Side Technologies: JSP and Servlet, spring, spring boot, Spring MVC Asp.net MVC, C#, Asp.net web forms, Razor, Web APIs.
- Web Client-Side Technologies: jQuery, AngularJS and JavaScript and Ext.net, jQuery Mobile, bootstrap, Knockouts.
- Languages/Frameworks: Java, C#, JavaScript, groovy, C and C++.
- ORM Framework: Fluent Hibernate, Entity Framework, JPA, Hibernate
- Databases: MS SQL Server, Oracle, SQLite, MySQL.
- IDE: Visual Studio 2010, 2012, 2017, Eclipse, X-Code, Android studio, IntelliJ Idea.
- Version Control tools: TFS, SVN, VSS.
- Mobile Technologies: Phone Gap, UROVO Devices, Android.
- System Analysis and design.
- Software Development and deployments.
- Project conception and planning.
- Reporting Tools: Crystal Reports.
- CI/CD: Jenkins and Docker containers, Pipe line scripting, shell scripting bash scripting.
- Scripting languages: JavaScript, jQuery, Angular, Nodes, and React, groovy.
- Build Tools: GRADLE, MAVEN and ANT.

EDUCATION AND TRAINING

1 SEP 2021 – JUN 2024 Catania, Italy
MASTERS IN DATA SCIENCE University of Catania

31 JAN 2017 – 31 DEC 2019 Karachi, Pakistan
MS (CS) Sindh Madressatul Islam University Karachi

1 JAN 2006 – 31 DEC 2010 Karachi, Pakistan
MCS (GRADUATE IN COMPUTER SCIENCE) University of Karachi