Mahaboob J

Senior Software Developer (Full Stack)

FI-ESPOO

SUMMARY

Accomplished software developer leveraging over 12 years of full-stack expertise to architect and deliver high-performance, scalable systems across multi-tier environments. Proven track record of driving technical innovation from concept to production while mentoring teams and establishing architectural standards that ensure long-term system resilience and maintainability. Passionate about crafting reusable solutions and adopting modern technologies that enhance development efficiency while ensuring code quality and system reliability.

EXPERIENCE

Espoo, Finland. — Jan 2022 - Present
Software Developer - BC Platforms Oy
- Developing applications (Clinical Workbench, Drug Research, and Vaccination Pad) to advance healthcare, using React, Elastic UI, and Redux for intuitive user interfaces.
- Designing and delivering scalable microservices with Spring Boot, ensuring high-performance, secure, and reliable back-end systems for healthcare data.
- Modernizing legacy applications by refactoring and containerizing with Docker, and deploying on ECS/EC2 and AKS, improving scalability, uptime, and deployment efficiency.
- Building event-driven integrations with Apache Kafka to enable real-time transaction processing and asynchronous data communication across distributed healthcare systems.
- Implementing CI/CD pipelines with Docker, Kubernetes, and Helm, minimizing manual effort and accelerating deployment cycles.

Helsinki, Finland. — Sep 2018 - Jan 2022
IT Analyst - TCS (Client: Nordea Bank)
- Developed in-house web applications and RESTful APIs for Trade Finance, supporting international trade services such as letters of credit, guarantees, and financing.
- Automated backend operations to reduce manual effort and accelerate business workflows.
- Deployed applications in UAT and Production environments, ensuring smooth releases.
- Provided production support, resolving incidents and ensuring business continuity.
- Collaborated in PI planning, aligning business requirements with technology delivery.

Bangalore, India. — Jun 2015 - Sep 2018
Systems Engineer - TCS (Client: Morgan Stanley)
- Worked in the Capital Markets division, developing solutions for financial transactions including equities, options, and debt instruments.
- Developed a validation engine to ensure compliance with US FINRA regulations, performing trade validations, order executions, and risk assessments.
- Built backend services using Java, spring boot, hibernate and Groovy, exposing functionality via RESTful web services.
- Implemented front-end interfaces using AngularJS, HTML, and CSS for transaction management and monitoring, while collaborating with stakeholders to enhance existing systems and ensure seamless integration with Morgan Stanley's internal platforms.

Coimbatore, India. — Dec 2014 - Jun 2015
Consultant - Daemon Software & Service Pvt. Ltd.
- Created a minimum viable product (MVP) for ERP modules (Student, Staff, Performance, Transport) by developing dynamic front-end applications using Vaadin.
- Built and integrated Java-based RESTful services and designed reports with Jaspersoft iReport, ensuring seamless backend functionality and data visualization.

Coimbatore, India. — Apr 2013 - Dec 2014
Software Engineer - GNTS Technologies Pvt. Ltd.
- Gathered and analyzed business requirements on-site, contributing to ERP system design, application architecture, and database modeling.
- Developed ERP applications by building dynamic front-end interfaces with Vaadin and integrating RESTful backend services using Java, Spring, and Hibernate.

EDUCATION

Sri Eshwar College of Engineering, Tamilnadu, India. — Jun 2010 - Apr 2013
Bachelor of Engineering - Computer Science and Engineering

Christ the King Polytechnic College, Tamilnadu, India. — Jun 2007 - Apr 2010
Diploma - Computer Science and Engineering

❖ TECHNICAL COMPETENCIES

Language & Frameworks:
- Java
- Spring Boot
- Typescript
- Hibernate
- React
- Elastic UI
- Redux
- Vaadin

Data & Messaging:
- PostgreSQL
- Apache Kafka
- DB2
- Liquibase

Cloud & Infrastructure:
- Azure
- Kubernetes
- Helm
- AWS
- Docker
- Skaffold

DevOps & Tools:
- Gradle
- Maven
- Jira
- Swagger
- Jenkins
- Git
- Splunk
- Postman

Methodologies:
- Agile
- RESTful API design
- Microservice Architecture
- CI/CD

❖ AREA OF EXPERTISE
- Scrum & Agile methodologies
- Modernizing legacy applications
- Technical process improvement
- Proficient troubleshooting
- Optimized deployment processes
- Microservices architecture

❖ LANGUAGE SKILLS
- Tamil
- English

❖ HONORS & AWARDS
- Contextual master award
- Start of the month award
- On the spot award (7)
- Star team award (6)
- Service commitment award

❖ HOBBIES
- Cricket & Photoshop designs

SKILLS CHART

Skill	***** very strong	**** strong	*** average	** mediocre	* some experience	Years of dedicated work experience
Agile Team Member	*****					~ 10 years
Agile SW development	*****					~ 10 years
AI chatbots		****				~ 2 years
AI agent systems		****				~ 2 years
Artificial Intelligence		****				~ 2 years
AWS		****				~ 2 years
AWS Lambda		****				~ 2 years
AngularJS			***			~ 2 years
Apache Kafka	*****					~ 3 years
Azure DevOps		****				~ 4 years
Azure Strorage	*****					~ 4 years
Bash	*****					~ 12 years
CI/CD	*****					~ 9 years
Confluence	*****					~ 10 years
Consultant Experience		****				~ 7 years
CSS	*****					~ 12 years
Data Architecture Design		****				~ 12 years
Data Migration		****				~ 12 years
Database Administration	*****					~ 12 years
Docker	*****					~ 7 years
Frontend development	*****					~ 12 years
Generative AI			***			~ 2 years
Git	*****					~ 12 years
Hibernate	*****					~ 12 years
HTML	*****					~ 12 years
Infrastructure as code (IaC)		****				~ 4 years
Java	*****					~ 12 years
Javascript	*****					~ 7 years
Jenkins	*****					~ 8 years
Jira	*****					~ 10 years
JSON	*****					~ 10 years
Kafka		****				~ 4 years
Kubernetes	*****					~ 6 years
Large Language Models (LLM)		****				~ 2 years
Linux	*****					~ 12 years
Maven	*****					~ 8 years
Microservices	*****					~ 7 years
Microsoft Power BI			***			~ 2 years
Microsoft SQL Server		****				~ 5 years
MySQL	*****					~ 7 years
Node.js			***			~ 4 years
PL/SQL		****				~ 12 years
Python (programming)		****				~ 4 years
React.js	*****					~ 4 years
Redux	*****					~ 4 years
Responsive Web Apps	*****					~ 7 years
REST	*****					~ 12 years
Scala			***			~ 2 years
Scrum Team Member	*****					~ 8 years
Selenium				**		~ 2 years
Shell script		****				~ 12 years
SOAP			***			~ 2 years
Spring Framework	*****					~ 12 years
Spring Boot	*****					~ 8 years
SQL	*****					~ 12 years
Terraform			***			~ 2 years
Vaadin	*****					~ 4 years
Written and spoken English	*****					~ 23 years