

Kousalya Panchangam

Contact

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Professional Summary

Experienced Java Developer in building scalable applications using Java SE/EE, Spring, and Hibernate. Skilled in developing RESTful APIs and microservices, with a strong background in Agile methodologies and CI/CD practices. Proven problem-solver with a focus on performance optimization, team collaboration and translating user requirements into technical designs. Adept at managing short-term sprints and long-term software deployments for efficient project delivery.

Professional Experience

Java Backend Developer

[2021] - [Present]

Tata Consultancy Services, Hyderabad India

- 3+ years of experience as a Java Back end Developer.
- Worked in an agile team environment, participating in daily stand-ups, sprint planning, and retrospectives to deliver high-quality software within project timelines.
- Developed and maintained high-performance Java applications using Java SE/EE, Spring, and Hibernate, enhancing functionality and user experience.
- Designed and implemented RESTful APIs and microservices, improving system scalability and integration capabilities.
- Collaborated with cross-functional teams to define project requirements, ensuring alignment with business goals and delivering on time.
- Optimized application performance by identifying bottlenecks and implementing efficient coding practices and database queries
- Good Knowledge of Object-Oriented Programming (OOP) Concepts, Design Principles, Design Patterns.
- Well versed with complete Software Development Life Cycle (SDLC) process including Designing, Developing, Testing and Deployment.
- Experience in core java, machine Learning, Shell Scripting, Spring Boot, Spring Framework.
- Experience in developing prediction model using machine learning in Jupyter Notebook
- Well knowledge in stabilizing the application with help of automation techniques.
- Self-motivated individual with a passion to research and implement new ideas.

Projects Summary

Airways Ticketing Platform – Backend API Integration Solutions

Project Overview:

- Developing a custom backend API for an Airways ticket booking system, integrating third-party APIs and leveraging Azure services for deployment and automation to improve system performance and scalability.

Key Responsibilities:

- Currently developing and enhancing a custom backend API for an Airways ticket booking system, focusing on integrating third-party APIs and improving system efficiency.
- Collaborated closely with Business Analysts to gather requirements and translate them into new feature enhancements, improving user functionality and operational workflows.

- Managing deployment and CI/CD pipelines using Azure Web Apps and Azure Pipelines for efficient, automated releases.

Achievements:

- Enhanced API performance and efficiency, improving user experience and reducing response times.
- Automated deployment workflows with Azure Pipelines, minimizing downtime and streamlining releases.

REGI Application Migration to Assure1

Project Overview:

- The migration of the REGI application to Assure1, enhancing system reliability, performance, and maintainability through modern development practices.

Key Responsibilities:

- Executed the migration from legacy systems to a Spring Boot architecture, ensuring a smooth transition.
- Developed and optimized microservices with Spring Boot to improve functionality and scalability.

Achievements:

- Improved application response times and resource utilization, leading to a more efficient system.
- Streamlined the codebase, facilitating easier updates and faster feature implementation.

Technical Skills

- Languages: Core Java, C Programming, Shell Scripting.
- Databases: SQL, PL/SQL.
- Cloud Technologies: Azure(Basic)
- Tools: Jupyter Notebook, Eclipse, Visual studio code, Azure, Jenkins, Coverity, IntelliJ.
- Source Control: SVN, Git/GitHub.
- Technologies: Machine Learning, Data Science(Currently learning)

Certifications

Azure Developer Associate AZ-204 [2023]

[click on for certificate-AZ-204](#)

Azure Administrator Associate AZ-104 [2024]

[click on for certificate-AZ-104](#)

Education

B.Tech in computer science from GITAM University, bangalore|2016-2020|CGPA: 8.43

10+2 from Board of Intermediate Education,Andhra Pradesh|20014-2016|CGPA: 9.1

S.S.C from Board of Secondary Education,Andhra Pradesh|2013-2014|CGPA: 9.5

Awards and Honors

- Best Employee Award [TCS]
- Received Learning Achievement Award [TCS]
- Received Xcelerate Warrior Badge [TCS]
- Received three times On Spot award in project [TCS]
- Received one Star of the quarter award [TCS]
- Published a paper entitled “REAL TIME SPAM SPOTTING IN TWITTER” [IJSRET]
- Five semesters received Merit-Cum Means Scholarship [GITAM University]