

Nandha Kumar

Software Engineer

Summary:

Motivated software engineer with 3 years of experience in developing and maintaining complex web applications and microservices. Proficient in Spring, Django and React with a strong focus on building scalable and efficient systems. Strong understanding of software development methodologies, including Agile and Scrum.

Work experience:

Senior Software Engineer

Infosys, India | Jan 2018 – July 2021

- Assisted in the development and deployment of visualization application using Python, Flask, and ReactJS.
- Implemented RESTful APIs and designed scalable architectures for handling large volumes of data.
- Worked closely with the UI/UX design team to ensure a seamless user experience.
- Demonstrated expertise in translating client-specific needs into easy-to-understand software solutions generating over 80K\$ in business and within budget.
- Utilized containerization tools like Docker to deploy and manage microservices on Kubernetes.
- Worked with data storage technologies like MongoDB and MySQL to manage and store application data.
- Conducted code reviews and provided constructive feedback to improve code quality.

Software Engineer

Infosys, India

- Engineered Webservices using Spring java on Apache camel and SOAP UI testing.
- Assisted with code migrations from legacy systems IBM BPM to modern Java-based platform using RedHat camel, deployed on JBoss fuse.
- Deployed the interface successfully in PROD using OpenShift and GitLab in the continuous integration and continuous development (CICD) method.
- Monitored APIs and extracted them using Splunk software. Decoupling non-business endpoints from BPM saved spark, 32% of monthly operation cost.

EDI Engineer

Infosys, India

- Functional role, partnered directly with management in B2B to Manage Electronic Data Interchange (EDI) with partners' systems: requirement, design, deployment, testing, go live, Hypercare, and incident resolution.
- Migrated few European clients from TLI to OpenText enterprise management. Formalized Price catalog, Orders, Order response, DESADV, Invoice, Sales, and Inventory report by improving customer data capture between businesses.
- Designed and implemented EDI-based data integration solutions using ETL & SQL.

Academic projects:

Application developer (Accessible computing)

Kansas, USA | Sep 022 – May 2023

- Worked with product managers to re-architect a single-page app to a multi-page application with optimized efficiency and allow for 35% new functionality.
- Implemented RESTful web services into the applications using Swift, NodeJS and MSSQL.
- Employed AWS and Heroku by NodeJS webserver to port from On-premises to cloud platform.
- Used XCode and Swift Core Location, UI Kit to connect beacons for accessible computing inside building hallways assisted using voice commands.

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Key Skills:

Java, Python, JavaScript, Swift, HTML5, CSS.

Spring, Django, ReactJS, Flask, NodeJS.

MySQL, MongoDB.

AWS, Heroku, Docker.

Gitlab, Jenkins, Ansible.

EDI, Non-EDI, EDIFACT.

ANSI X12, XML, ETL, JSON.

Technologies:

Xcode, UI Kit, VS Code, Postman, SoapUI

AS400, Splunk, OpenShift.

SOAP, RESTful, Nexus, Selenium.

Putty, IBM MQ IIB, WebSphere MQ.

Jira, ServiceNow.

Concepts:

- Proficient in Agile software development methodologies (Scrum).
- Ability to work in a team environment and communicate effectively with non-technical stakeholders.
- Passion for delivering high-quality software solutions and continuously improving processes.
- Application design & development.

Education:

MS in computer science

Wichita state university GPA – 3.56/4.0

Kansas, USA | Aug 2021 – May 2023

BS in Computer science

Amrita university GPA – 3.10/4.0

Coimbatore, India | Aug 2014 – May 2018

Awards and Certifications:

- Python and IBM Integration Bus (IBM IIB), Enterprise service bus (ESB) certified by Infosys.
- Java certified by NIIT-ORACLE.
- AWS, Docker certified by LCO.
- Best sportsperson in volleyball.