

Nandha Kumar

Software Developer

Summary:

Motivated software developer with 3 years of experience in developing, testing, and deploying high-quality software solutions. Proficient in Java, Python, and JavaScript, with experience in building complex web applications using modern development frameworks such as Spring and Django. Strong understanding of software development methodologies, including Agile and Scrum.

Work experience:

Senior Software Engineer

Infosys, India | Dec 2020 – July 2021

- Engineered Webservices and Microservices using Spring java on Apache camel and testing were done with postman and Karate.
- 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.

Software Engineer

Infosys, India | July 2018 - Dec 2020

- Assisted in the development and deployment of visualization application using Python, ReactJS. Developed REST APIs using Django for fetching processed data.
- Built as a platform-independent tool by using Electron JS for desktop compatibility.
- 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.
- Worked on bug fixing and performance optimization.
- Reviewed client requirements, wireframes, and designs for technical feasibility.

EDI Engineer

Infosys, India | Jan 2018 - June 2020

- 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 a few European clients from TLI to OpenText enterprise management. Formalized Price catalog, Orders, Order response, DESADV, Invoice, Sales report, and Inventory report.
- Planned and coordinated actions between different actors: Ralph Lauren business, RL IT, third-party providers, customers, and improved customer data capture.
- Designed and implemented EDI-based data integration solutions using ETL & SQL.

Academic projects:

IOS 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 60% new functionality.
- Implemented RESTful web services into the applications.
- 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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🌐 nandhu1296.github.io

Key Skills:

Java, Python, JavaScript, Swift, HTML5, CSS.
Spring, Django, ReactJS, NodeJS, MERN.
MySQL, MongoDB.
GIT, CICD, Linux, TDD.
EDI, Non-EDI, EDIFACT.
ANSI X12, XML, ETL, JSON.

Technologies:

Docker, AWS, Heroku.
XCode, UI Kit, VS Code, Postman.
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.