

NANDHA KUMAR

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Summary:

Graduate student with 3.5 years of full-time experience looking for an opportunity in Software Engineering. Expertise in analyze, design, development of middleware microservices and technical consultant to provide HyperCare support.

Education:

Master's in Computer Science

Wichita state university, Kansas, USA.

GPA: *InProgress*

(August 2021 – May 2023)

Bachelor's in Computer Science and Engineering

Amrita Vishwa Vidyapeetham, Tamil Nadu, India.

GPA: 3.0/4.0

(July 2014 – March 2018)

SKILLS:

Languages: Python, Java, C++, HTML, CSS, JavaScript, PHP, MySQL, AngularJS.

Frameworks & Tools: Django, Spring MVC, Apache camel, Splunk, OpenShift, Soap UI, GitLab, IBM AS400 & Trusted Link for EDIFACT messages, JIRA, Service now, IBM Integration Bus/WebSphere MQ.

Work Experience:

Infosys - Senior Software Engineer (Backend Services)

(July 2018 – July 2021)

Sysco, USA – World's largest broadline food products distributor.

- Middleware consultant worked on architectural level design to design and support EDI and Non-EDI using messaging queues using message brokers. The development was done using IBM Integration Bus (IIB)/WebSphere MQ.
- This design was more reliable than traditional APIs for both legacy and modern systems.
- Handled sales, Inventory, Price catalogue reports and Order flows in business transactions

Spark, New Zealand - Telecommunications company providing mobile phone network and fixed-line services.

- Technical Core team, to Migrate the middleware layer from IBM BPM to RedHat camel framework, deployed on JBoss fuse.
- Built 68 Microservices using Spring java on Apache camel and Unit testing was done with SOAP UI. The approach was based on Test-driven development (TDD).
- OpenShift and GitLab are used for PROD deployment using continuous integration and continuous development approach.
- RESTful APIs are analyzed and extracted using Splunk software. Decoupling non-business endpoints from BPM saved spark, 32% of monthly operation cost.

Ralph Lauren, Europe - American publicly traded fashion company.

- Functional role, B2B to Manage Electronic Data Interchange (EDI) Integration with partners systems: requirement, design, deployment, testing, go live, Hypercare, incident resolution.
- Built EDI messages using Trusted link translator (TLI) for the proper consistent flow of data and easier maintenance using IBM AS400 server. Communication was established using RL GX and other third-party software.
- Migrated a few European clients from TLI to OpenText enterprise management. Manage message exchange such as Price catalogue, Orders, Order response, Advanced Shipping Notification (DESADV), Invoice, Sales report, Inventory report.
- Plan and coordinate actions between different actors: Ralph Lauren business, RL IT, third-party providers, customers and improve customer data captures.

Software Engineer - Internship

(Jan 2018 – May 2018)

- Exam cell automation – a web application for universities and students to collaborate and attend examinations online. Front-end was created using HTML, CSS, AngularJS, with bootstrap framework. The Backend business tier was built on Python in the Django framework.
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Projects and Certifications:

- Roofields – Android app using Android studio, SQLite, Firebase to practice rooftop farming.
- Python and IBM integration Bus (IIB), Enterprise service bus (ESB) certified by Infosys.
- Java programmer certified by National institute of Information Technology (NIIT).