

# NANDHA KUMAR

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## Summary:

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

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## Education:

### Master's in Computer Science

Wichita state university, Kansas, USA

GPA: 3.23/4.0

(August 2021 – Dec 2022)

### Bachelor's in Computer Science and Engineering

Amrita University, Tamil Nadu, India

GPA: 3.10/4.0

(July 2014 – March 2018)

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## SKILLS:

**Languages & Frameworks:** Python, Java, C++, HTML, CSS, JavaScript, PHP, SQL, AngularJS, Django, DBMS.

**Tools & OS:** Splunk, OpenShift, Soap UI, GitLab, IBM AS400 & Trusted Link for EDIFACT messages, JIRA, Service now, IBM Integration Bus/WebSphere MQ, Linux/Unix.

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## Work Experience:

### Infosys - Senior Software Engineer, India

(July 2018 – July 2021)

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

- Worked as Middleware consultant to design and support Electronic Data Interchange (EDI) and Non-EDI using messaging queues and message brokers. The development was done using IBM Integration Bus (IIB)/WebSphere MQ.
- Designed solution was more reliable than traditional APIs for both legacy and modern systems.
- Formalized sales reports, Inventory, Price catalogue reports and Order flows in business transactions.

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

- Successfully led technical Core team, to Migrate the middleware layer from IBM BPM to RedHat camel framework, deployed on JBoss fuse.
- Engineered 38 services using Spring java on Apache camel and Unit testing was done with SOAP UI. The approach was based on Test-driven development (TDD).
- Deployed the interface successfully in PROD using OpenShift and GitLab in (CICD) continuous integration and continuous development method.
- Monitored RESTful APIs and extracted them 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, partnered directly with management in B2B to Manage Electronic Data Interchange (EDI) with partners systems: requirement, design, deployment, testing, go live, Hypercare, incident resolution.
- Customized EDI messages using Trusted link translator (TLI) for the proper consistent flow of data and easier maintenance using IBM AS400. Established communications using RL GXs with third-party partner systems.
- 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.
- Planned and coordinated actions between different actors: Ralph Lauren business, RL IT, third-party providers, customers and improve customer data captures.

### Internship trainee, Mysore, India

(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, Angular JS, with bootstrap framework. The Backend business tier was built on Java spring framework.
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## Projects and Certifications:

- Shocker store – created as part of the academic semester in Django stack using HTML, CSS, Python and SQLite.
- Python and IBM integration Bus (IIB), Enterprise service bus (ESB) certified by Infosys.
- Java programmer certified by National institute of Information Technology (NIIT).