# 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 services and technical consultant to provide HyperCare support.

**Education:**

**Master's in Computer Science**                                                                                                        GPA: 3.23/4.0
Wichita state university, Kansas, USA                                                                                  **(August 2021 – Dec 2022)**
**Bachelor's in Computer Science and Engineering**                                                                       GPA:   3.0/4.0
Amrita University, Tamil Nadu, India                                                                                   **(July 2014 – March 2018)**

**SKILLS:**

**Languages & Frameworks:** Python, Java, C++, HTML, CSS, JavaScript, PHP, SQL, AngularJS, Django, Apache camel.
**Tools & OS:** Splunk, OpenShift, Soap UI, GitLab, IBM AS400 & Trusted Link for EDIFACT messages, JIRA, Service now, IBM Integration Bus/WebSphere MQ, Linux/Unix.

**Work Experience:**

**Infosys** - **Senior Software Engineer, India**                                                                    **(July 2018 – July 2021)**

<u>Sysco, USA</u> – 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 using 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.

<u>Spark, New Zealand</u> - 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 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.

<u>Ralph Lauren, Europe</u> - 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 Python using Django framework.

**Projects and Certifications:**

- Shocker store – created as part of the academic semester using MongoDB, ExpressJs, ReactJs, NodeJs (MERN) Full stack development.
- Python and IBM integration Bus (IIB), Enterprise service bus (ESB) certified by Infosys.
- Java programmer certified by National institute of Information Technology (NIIT).