

Ajay Police Patil

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WORK EXPERIENCE

CELIGO INC | BACKEND ENGINEER

Hyderabad | May 2022 - Feb 2023

- Developed a new feature to sync edited orders from Shopify to Netsuite in Shopify Netsuite Integration
- Worked on enhancements to support bin items refund and item group refund to sync data from Shopify Refund to Netsuite Refund
- Designed the POC to support Shopify POS order exchanges to sync data from Shopify Orders to Netsuite Orders
- Integrated Netsuite with Slack using Integrator.io tool using **NodeJS** and Integrator API's to send the messages regarding the order details

COMVIVA TECHNOLOGIES | FULLSTACK ENGINEER

Bengaluru | Aug 2019 – March 2022

- Implemented a file processing application using streams and scaled the application from a single process to multiple processes using a cluster module. The data is collected and processed every hour. The report is generated in excel format using **ExcelJS** and e-mail alerts are sent using **NodeMailer & NodeJs**.
- To filter the blacklisted emails and increase performance of application, implemented e-mail filter mechanism using **Redis** by write through cache policy as there are very less frequent writes and more re-reads to the cache.
- To avoid **Redis** memory/queue full while processing current time data, integrated **Kafka** between the modules as a queue where the data was supposed to be processed later according to the future timestamp. This project was a part of Proof of Concept (POC).
- Developed the system to manage the approval of resources. The resources and approvers are selected in the GUI accordingly. The resources are routed to the selected approvers for authorization before we do CRUD operations on resources using **ReactJS** and **NodeJS**
- Led a junior engineer in my team to design and implement a new resource (called as superuser) in the system. The user associated with superuser resource had some parent privileges which helped the user to see and download reports.
- To generate, validate and redeem vouchers, implemented the CRUD operation REST APIs using **ExpressJS** framework in **NodeJS**

PHILIPS HEALTHCARE | R & D INTERN

Bengaluru | Jan 2019 - June 2019

- Designed and Implemented a new solution to communicate between two critical modules in **C++**.

PROJECTS

JWT BASED AUTHENTICATION

NODEJS

To invalidate compromised/hacked access tokens in the stateless communications, implemented JWT Based authentication system using access tokens and refresh tokens where access tokens are generated using refresh tokens and access tokens are very short lived.

SKILLS

- **Languages:** JavaScript, Java
- **Frameworks:** NodeJS, ExpressJS, ReactJS
- **Other Technology:** Git, MySQL, Redis, Kafka, Oracle Netsuite

EDUCATION

- **B.Tech in CS** from PES University from Aug 2015 - May 2019
- **Senior Secondary in Class XII** from SMJ PU Science College from Aug 2013 - May 2015
- **Secondary in Class X** from DIL High School from June 2010 - May 2013