Anadi Nema

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 GitHub Profile
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EXPERIENCE

- **System Developer in Tata Consultancy Services** *July 2021 - present*

  PostNord Group AB - Nordic Postal and Logistics Operators On-Site

  - Redeveloped 12+ applications in **Java (Spring Boot and Quarkus)** following modern code quality standards with above **95% code coverage**, having **API interfaces** and event driven **microservice architecture** using **Kafka** to make system more robust, reliable, fault tolerant and future proof.
  - Led the migration of 6 monolithic applications from Linux VMs to **OpenShift Container platform** enabling cost saving, auto-scalability and considerable performance gains which led to **80% reduction** in manual errors and performance related incidents during peak.
  - Worked on **validation engine** for EDI order validation and **enrichment orchestration** to correct and refine the data on over 140+ fields. Hence, **improving data quality by over 30%** for the downstream systems to work upon and ensuring a smooth workflow.
  - Managed development, **deployment (over cloud and on-premise)** and on-call support (using **Jira Service Management**) for production applications and supported in **cross-dependency environment having 25+ teams** in the flow.
  - Hands on experience of **Azure** cloud services, including **BLOB storage**, Databases, **Key vaults**, Functions, Active Directory, App service and more.
  - Experienced in **Agile** and **SAFe** framework, I possess strong domain knowledge and collaboration skills with a focus on tailored solutions. As an approachable, ethical, and skilled team player, I foster a positive working environment.

EDUCATION

- **Bachelor of Technology in Information Technology** *2017 - 2021*

  University Institute of Technology, Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal, India CGPA: 8.8

PERSONAL PROJECTS

- **Todo list migrator** *Codebase*

  Application which can be used to migrate from TickTick to Todoist an vice versa (Two popular task managers)

  - Helping users who want to switch task manager as Todoist doesn't provide a direct way to switch apps.
  - The tasks can be divided into projects as needed when generating the task list.
  - Can be extended for other task managers and security can be enabled.
  - Technology used: Java (Spring Boot), REST APIs, GitHub Actions, Docker, OpenCSV

- **Alerty - Alert management system** *Codebase*

  Azure apps to check conversion rates and send WhatsApp alerts when rate goes above set thresholds.

  - Conversion rate threshold and currencies can be set as properties.
  - Azure function triggers are used to trigger the function as needed.
  - WhatsApp message can be changes to text message as well using Twilio APIs.
  - Technology used: Java , HTTP and Timer triggers, Twilio, GitHub Actions, Azure Functions.

TECHNICAL SKILLS AND INTERESTS

Languages & Frameworks: C/C++, Java with Spring Boot & Quarkus
Cloud: Proficient in **Azure** and adaptable to working with **AWS**/**GCP**
Databases: Relational (OracleDb, MySql, PostgreSql), NoSQL (MongoDb)
Tools and Technologies: Event propagation (ActiveMQ, Kafka, Camel, IBM-MQ), Postman, Akhq.io, Package manager (Maven, NPM), OpenAPI-Swagger, Git, CI/CD (Bitbucket Pipelines, GitHub Actions, Tekton, Jenkins), Helm, Deployments (OpenShift, Docker & Docker Compose, VMs), SonarQube, Scipting (Bash), Monitoring (Prometheus, Grafana)
Ecosystems: RESTful & GraphQL APIs, Microservice, monolithic & distributed monolithic architecture, Event & Data driven systems
Soft Skills: Quick self-learning, Adaptability, Commitment & rigor to be better everyday

VOLUNTEERING

- **Founder & President** - ASPER - Design & Development Society (Link) *2020 - 2021*
  - Founded the design and development society in our university and trained 60+ students in graphic designing and web/app development with internship offers.

- **Licensee & Lead Organizer** - TEDxRGPV *2020 - 2021*
  - Volunteered in 2017, 2019 version of TEDxRGPV and then got the license in 2020 to stir up conversation with 8 speakers over an audience of 150+ as per the global TED guidelines over education and social well-being.