

Mayan Kumar Mishra



(667)646-0161 | mayan.mishra8@gmail.com

<https://www.linkedin.com/in/mayan-kumar-mishra-24085a122/>

| <https://github.com/mishramayan>

| Boston, MA

EDUCATION

Northeastern University, Boston, MA

Master of Science in Information Systems (Software Engineering Specialization)

Sep 2021 – May 2023

KIIT University, Bhubaneswar, India

Bachelor of Technology

Aug 2013 – May 2017

TECHNICAL SKILLS

Programming Languages & Databases: Java, Javascript, C++, PL-SQL, SQL

Web Technologies and Framework: Spring MVC, Spring Boot, Hibernate, REST Webservices, Node.js, Spring JPA, Bootstrap, Tailwind CSS, HTML

Virtualization: VMWare

Containerization: Docker, Kubernetes

Operating Systems: Windows, Mac OS, Kali Linux

Databases: MySQL, MS-SQL, Redis, Mongo DB, PostgreSQL

Tools: Jenkins, Atlassian JIRA, Kanban, Dell Boomi

Version Control: GitHub

Cloud Technologies: EC2, EKS, S3, Cloudflare

PROFESSIONAL EXPERIENCE

Commonwealth Financial Network, Waltham, MA

Web Development Intern

Jul 2022 – Dec 2022

- Developed foundational work by converting **Figma** designs to UI components using **React.js** and deployed the websites on **Cloudflare**
- Collaborated with design and product teams in order to deliberate on the feature refinement strategy and layout of the website
- Integrated **Google Analytics** dashboard and implemented a functionality to sync **RSS Feeds** in new and existing websites

Infosys Limited, India

Full Stack Web Developer

Sep 2019 – Jul 2021

- Incorporated **microservices** architecture with **Kubernetes** to build **REST APIs** and frontend resulting **40% reduced deployment time**
- Automated** a **pub/sub integration** process by creating dashboard, ensuring clients experienced a seamless user experience
- Implemented **Jenkins CI-CD pipeline** to construct the **Docker** image of application and deploy it to **Kubernetes**
- Designed and delivered a high-volume throughput integration for an initial load scenario, which was able to sync **2 million records** between **MDM** and **SFDC ERP** systems
- Fixed bugs from existing websites and implemented enhancements that significantly improved web functionality and performance
- Built multiple integrations on Boomi platform along with their **user acceptance testing**, **documentations** and **production migration**
- Executed integration solutions adhering to Agile methodology (using Atlassian JIRA)

Accenture, India

Software Development Engineer,

May 2017 – Sep 2019

- Developed and maintained **REST APIs** for an existing web application using **Express.js**, **Node js** and **MySQL**, to improve existing web application functionality
- Integrated middleware solutions between different **ERP** systems on **Oracle OSB**, **OIC** and **Boomi**
- Managed product owners and leads to guarantee functionality, scalability and performance of the application

ACADEMIC PROJECTS

Facebook-clone (Next.js, Spring-boot, MySQL, Tailwind CSS and Spring Data JPA)

- Implemented facebook-clone web application APIs using **Spring Boot** and **Spring JPA**
- Integrated the UI using Javascript implemented in **Next.js** with **Tailwind CSS**
- Used Facebook Provider auth from **next-auth** for authorization and session handling
- Stored images and descriptions in MySQL database to persist the information

Insurance Plan Service (Java, Spring Boot, REST API, Elastic Search, Redis, JWT, JSON)

- Built **REST APIs** in **Spring MVC** to save, retrieve and manipulate Insurance Plan JSON and tested using **Postman**
- Saved the data in in-memory database **Redis** and used **Elasticsearch** for efficient search of data

Travel Blog Web Application (React.js, Node js, MongoDB)

- Designed a Travel Blog Application that could perform **CRUD** on profiles and posts with captions, likes, comments and capability to be shared on other social media platforms
- Created an interactive user interface using **React.js** for front end, and **Express.js** along with **Node.js** for back end
- Implemented authentication using **JSON Web Token** for the login functionality
- Stored messages using **NoSQL** database **MongoDB** to persist posts, comments and likes counts