

# Mayan Kumar Mishra

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## EDUCATION

### Northeastern University

Boston, US

*Master of Science, Information Systems*

*Sep. 2021 – May 2023*

**Coursework:** Web Development Tools and Methods, Advanced Big Data Applications and Indexing Techniques, Object Oriented Design in C++, Web Design and User Experience Engineering, Data Management and Database Design

### KIIT University

Bhubaneswar, OR, IND

*Bachelor of Technology*

*Aug 2013 – May. 2017*

**Coursework:** Data Structures and Algorithms, Object Oriented Programming in Java

## EXPERIENCE

### Web Development Intern

Jul. 2022 - Dec. 2022

*Commonwealth Financial Network*

*Waltham, US*

- 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
- Integrated **Google Analytics** dashboard and implemented a functionality to sync **RSS Feeds** in websites

### Senior Associate Consultant

Sep. 2019 - Jul. 2021

*Infosys Limited*

*Pune, MH, IND*

- Incorporated **microservices** architecture to build **REST APIs** using **Spring Boot and Java**
- Leveraged **Kubernetes** to orchestrate the deployment, scaling and management of **Docker Containers**, resulting in 40% reduced deployment time
- Automated a pub/sub integration** process by creating dashboard using **Redis and React.js**, ensuring 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 on **Dell Boomi** platform for an initial load scenario, which was able to sync **2 million records** between **MDM** and **SFDC ERP systems**

### Software Engineer

May. 2017 - Sep. 2019

*Accenture*

*Pune, MH, IND*

- Developed and maintained **10+ REST APIs** for web applications using **Express.js, Node js and SQL Server**
- Optimized REST APIs** to cache data using **Redis** and achieved **25% faster computation time**
- Integrated middleware solutions between different **ERP** systems on **Oracle OSB, OIC and Dell Boomi**
- Managed triage calls with product owners and leads to guarantee functionality and performance of the application

## PROJECTS

### Cloud File Conversion Service | AWS Lambda, S3, SNS, DynamoDB

Jul. 2023

- Implemented a serverless application allowing users to upload files to an **S3 bucket** for file conversion
- Engineered **AWS Lambda** functions to monitor the S3 bucket for new uploads and convert files to different formats
- Incorporated **SNS** notifications service to send notification to users when the conversion is complete

### Facebook-clone | Next.js, Spring-boot, MySQL, Tailwind CSS and Spring Data JPA

Mar. 2023

- Developed a Facebook clone application with **Next.js**, enabling users to create profiles, post updates
- Implemented user authentication using **Next-auth** and **Spring JPA** for efficient data storage, resulting in a seamless user experience and optimized performance

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, Typescript, Python, C++, HTML, CSS

**Frameworks:** Spring Boot, React, Node.js, ExpressJS, Angular, REST API, Spring MVC, Hibernate, JPA, JUnit, Bootstrap, Material-UI, Kubernetes, Amazon EKS

**Database:** MySQL, MS-SQL, PostgreSQL, MongoDB, Redis, DynamoDB

**Developer Tools:** Atlassian JIRA, Git, Docker, Jenkins, VS Code, Visual Studio, IntelliJ, Eclipse

**Cloud Technologies:** S3, Lambda, AWS API Gateway, SNS, CloudFront, Cloudflare