Mayan Kumar Mishra

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EDUCATION

Northeastern University, Boston, MA   Sep 2021 – May 2023
Master of Science in Computer Information Systems (Software Engineering Specialization)

KIIT University, Bhubaneswar, India   Aug 2013 – May 2017
Bachelor of Technology

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, GitLab
Operating Systems:	Windows, Mac OS, Kali Linux
Databases:	MySQL, MS-SQL, Redis, Mongo DB, PostgreSQL
Tools:	Jenkins, Atlassian JIRA, Kanban, Dell Boomi, Zenmap, Maltego, ARP Watch
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 in **Javascript** by converting **Figma** designs to UI components 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 Analytic**s 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 **Amazon EKS**
- 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 speed
- 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 **Spring Boot, Spring JPA** and **MySQL,** to improve existing web application functionality
- Integrated middleware solutions between different **ERP** systems on **Oracle OSB**, **OIC** and **Boomi**
- Scheduled weekly meetings and scrum calls with 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, Stripe API)
- Designed a Travel Blog Application with features such as profile creation, uploading posts with captions, like and commenting on posts and sharing it on other social media platforms
- Created an interactive user interface in Javascript implementing **React.js**, middleware in **Express.js** and **Node.js**
- Implemented authentication using **JSON Web Token** for the login functionality
- Stored messages using **NoSQL** database **MongoDB** to persist posts, comments and likes counts