Pratik Mishra

Software Developer

+91-8460518285 | Linkedin | pratikmishra2807@gmail.com

Education

Vidyalankar Institute of Technology   Aug 2018 – June 2022

B.E - Information Technology: 7.16/10 CGPA

- **Coursework** – OOP in JAVA, Java collections, Database Management Systems, Computer networks, Big Data Analysis, Cloud Computing, Application Development, Python, Internet of Things, Data Structures and Algorithms.

Skills

Languages: Java, JavaScript, Typescript, HTML5, CSS, SQL
Frameworks & Libraries: SpringBoot, Java Collections Framework, Angular, React.js, Node.js, Chart.js
Technologies: RESTful APIs, Micro services, Git, JSON, JMeter, Postman, Liferay DXP
Databases: MySQL, PostgreSQL, Oracle DB, Redis, MS-SQL
Methodologies: Agile, Scrum
Cloud & DevOps: AWS, Linux servers, Shell scripting, Cron jobs

Experience

Associate Systems Analyst | NSEIT   June 2023 – Present

- Architected and implemented **microservices** for CCIL (Clearing Corporation of India Limited) and Clearcorp, modernizing legacy systems using **Liferay DXP**, **Spring Boot**, and **PostgreSQL** on **Linux** servers, resulting in 50% improved system performance and scalability.
- Developed and deployed **Spring Boot APIs** to render data from **database** tables in the form of card views (carousel) and tables using **JSP** and **JavaScript**, enhancing user interface and data representation.
- Created and implemented responsive **data visualization** components using **Chart.js** and **JavaScript**, reducing load times by 50% compared to **Kibana**, and improving real-time stock market data representation.
- Engineered **RESTful APIs** for hierarchical approval systems with email notifications, enhancing B2B communication efficiency and streamlining approval processes across multiple organizational levels.
- Built end-to-end **Angular** and **Spring Boot** applications for NSE's IFSC ENIT, implementing menu mapping features for improved user experience and seamless navigation.
- Collaborated with cross-functional teams to gather requirements, design system architecture, and implement solutions that met business needs and regulatory compliance standards

Associate Systems Analyst - trainee | NSEIT   Nov 2022 – May 2023

- Played a key role in the migration of NSE IFSC and NSE IFSC Clearing websites from **AWS** servers to on premise infrastructure, ensuring minimal downtime and maintaining data integrity throughout the transition process.
- Set up a content management system based on **Node.js, React.js,** and **Drupal**, streamlining web content updates for end-users and reducing dependency on technical teams for content modifications.
- Configured and optimized **MS-SQL** database servers on **RHEL8 Linux**, addressing compliance requirements during server audits and implementing best practices for database security and performance.
- Developed and deployed **shell scripts** for automation of routine tasks, and set up **cron jobs** on production environments, significantly reducing manual interventions and improving operational efficiency which resulted in 75% faster accessible and start time of all the services.
- Conducted thorough testing and debugging of applications in both UAT and production environments, ensuring high-quality deliverables and minimal post-deployment issues and provided 20+ hours of production support.
- Assisted in resolving grey box issues related to compliance during server audits, implementing necessary security measures and documentation to meet regulatory standards.

Achievements and Certifications.

- 2nd place in tech challenge conducted by NSEIT - Built a Fraud Detection System in collaboration with team of 6.
- NSE Academy's Certificate in Financial Markets (NCFM) Financial Markets: Beginners Module.
- Google's certification on Generative AI – Fundamentals.

Passport and Visa Details.

- Indian Passport Number : R3296397   US Visa Type : B1/B2
- Validity : 08/03/2027   Validity : 13/03/2033