Pranav Khismatrao

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EDUCATION

Northeastern University, Boston, MA	**Expected May 2024**
Master of Science in Software Engineering Systems	**GPA: 3.69/4.0**

Relevant courses: Object Oriented Design, Web Design, Enterprise Software Design

University of Mumbai, India	**May 2020**
Bachelor of Engineering, Information Technology	

Relevant Courses: Data Structures Algorithms, Database Management, Cloud Computing

TECHNICAL SKILLS

Programming: Java, Python, JavaScript, HTMLS, CSS, NodeJS
Frameworks, Libraries, and tools: GitHub, Java-Spring, Spring MVC, ReactJS, REST API, Microservices
Cloud Technologies: Kubernetes, Docker, AWS, CI/CD, Jenkins
Databases: SQL, MongoDB, PostgreSQL, Aerospike

EXPERIENCE

Tata Consultancy Services, Maharashtra, India	**Jan 2021 - Jul 2022**
Software Developer	

- Collaborated with team lead to build internal company applications using **Thymeleaf** for Frontend and **Spring boot** as Backend to develop **REST APIs**, resulting in 60% reduced time.
- Designed a responsive website using the **Spring MVC Framework** with a multipurpose goal for the client-side team to view and search recorded team meetings increasing employee efficiency by 50% and reducing delay by 90%
- Resolved critical production bugs within **9 hours**, reducing downtime by **60%** and improving customer satisfaction
- Delivered 2 end-to-end projects utilizing JavaScript, JSP and NodeJS with mongo DB as backend database for internal project team usage, displaying data from APIs with rich User experience and functionalities using visual Studio
- Programmed 3 efficient solutions with team of 3 leveraging RPA Technology with 20 deploy cases utilizing Agile Methodology

Sudesi Infotech, Mumbai, India	**Aug 2019 – Sep 2019**
Android Developer Intern	

- Developed intuitive user-friendly front-end screens for Android applications using Android Studio, increasing User Experience.
- Actively worked with 2 teams to understand and implement project requirements, wireframes, and design specifications.
- Collaborated with the back-end team on 2 projects to integrate front-end screens with the server-side functionality

ACADEMIC PROJECTS

Online Movie Booking System| Spring Boot, Hibernate, SQL, Java, Security, REST API	**Mar 2023 - Apr 2023**
Enterprise Software Design, Northeastern University	

- Developed an Online Movie Booking system using Java **Spring Boot** framework, **hibernate** applying DAO Pattern to access Data from SQL Database
- Implemented **RESTful APIs** for seamless communication between the front-end and back-end systems, resulting in a 40% improvement in API response time and data transfer efficiency
- Programmed front-end using modern web technologies (**HTML, CSS, Bootstrap, JavaScript**) combined with thymeleaf

CRM for Bank |Java, Micronaut, RESTful APIs, NoSQL, Aerospike	**Nov 2022 - Dec 2020**
Object Oriented Design Subject, Northeastern University	

- Created a centralized system that allows customers to register and open accounts in a bank branch as well as credit and debit certain amounts according to business rules
- Utilized **Java** as the backend technology implementing Object Oriented Design Principles, **Micronaut** as the **API creation** for better performance and code efficiency and **Aerospike** as **NoSQL** real-time database

NU Chronicles	**Nov 2022 – Dec 2022**
Web Design and User Experience, Northeastern University	

- Designed and implemented the interactive front-end using React and developed the backend using Node.js and MongoDB
- Engineered the back-end using Node.js and MongoDB applying best practices, resulting in a 30% increase in application performance and a 50% decrease in loading times
- Utilized RESTful APIs, resulting in a 15% decrease in data transfer time and a 10% increase in user satisfaction

ACADEMIC PUBLICATIONS

Phishing-Inspector (ICACC-2020): July 2020, **DOI:** https://doi.org/10.1051/itmconf/20203203004