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: DotNet, 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

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

- 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
- Programmed 3 optimal solutions with team of 3 leveraging RPA Technology with 20 deploy cases utilizing Agile Methodology
- Led team of three in developing dynamic web portal, cutting lag time by 50% and doubling operational efficiency
- Delivered 2 end-to-end projects utilizing JavaScript, JSP and DotNet MVC with mongo DB as backend, displaying data from APIs with rich User experience and functionalities using visual Studio, IntelliJ
- Accomplished 6 months of training held by TCS with course content including C# language, and MVC framework

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

- Developed intuitive and user-friendly front-end screens for Android applications using Android Studio, contributing to the overall 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 | React, JavaScript, Bootstrap, NodeJS, MongoDB　　　　　　　　**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