Pranav Khismatrao

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Education

Master of Science, Software Engineering Systems   **Expected May 2024**
Northeastern University, Boston, MA   **GPA: 4.0**
  Relevant Courses: Object Oriented Design, Web Design, Enterprise Software Design

Bachelor of Engineering, Information Technology   **Oct 2020**
Mumbai University, India
  Relevant Courses: Data Structures Algorithms, Database Management, Cloud Computing

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Technical Skills

Programming languages: Java, Python, JavaScript
Web Technologies: HTML5, CSS, JavaScript, Bootstrap, Java Servlet Programing
Frameworks: NodeJS, .Net MVC, Android, Spring MVC, Spring Boot
Soft Skills: Time Management, Organizational skills, Communication, Teamwork, Decision Making skills, Problem-solving skills
Databases: SQL, Mongo DB, Firebase

Professional Experience

Tata Consultancy Services, Mumbai, India   **Jan 2021 - Jul 2022**
Software Developer
- Accomplished 6 months of training held by TCS with course content including C# language, and MVC framework
- Built complex architecture for required problem statements with RPA techniques according to the Client's requirements and complications with optimal solution that increased efficiency by 20%
- Programmed 3 comprehensive solutions with a competent team of 3 leveraging RPA technology along with testing 20 deploy Cases utilizing agile methodology
- Designed a responsive website using the NodeJS Framework with a multipurpose goal for the client-side team to view and search recorded team meetings increasing employee efficiency by 50% and reducing unwanted delay by 90%.
- Delivered 2 end-to-end projects utilizing JavaScript, JSP, NodeJS, HTML and CSS with mongo DB as backend database for internal project team usage, displaying data from APIs with rich User experience and functionalities

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Academic Projects

CRM for Bank (Object Oriented Design Project)   **Nov 2022-Dec 2022**
- 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, **Micronaut** as the **API creation** framework following **Factory design pattern** for better performance and code efficiency and **Aerospike** as NoSQL real-time database
- JavaScript was utilized to call APIs on the backend while HTML, CSS, and Bootstrap were used to build the frontend
- Employing the same backend but a **JavaFX** user interface, a Relationship Manager-facing application that would serve as software in a bank branch was built

Weather Web Application, Northeastern University   **Nov 2022**
- Developed a feature-rich weather app that leverages the power of openweather.com to provide users with accurate and up-to-date weather data
- Built using **Node.js** on the backend and **React** on the frontend, with integration with **Bootstrap** for a clean, modern UI design.
- App provides users with real-time updates on temperature, humidity, wind speed, precipitation, and other important weather-related information of 5 days since present day.

Publications

Phishing-Inspector (ICACC-2020): Detection & Prevention of Phishing Websites, International Conference on Automation, Computing and Communication 2020