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 (Java), Web-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, C++   **Methodologies:** Agile, Proficient in Math and Linear Algebra.
Web Technologies: HTML5, CSS, JavaScript, jQuery, Bootstrap   **Databases:** MySQL, Mongo DB, Firebase
Frameworks: NodeJS, .Net MVC   **Soft Skills:** Good communication skills with focus on learning.
Software: Microsoft Visual Studio, MS Office, IntelliJ IDEA
Design Patterns: Factory Designs, Singleton,
Certifications: Oracle Certified Java Associate (Issued Aug 2021)

Professional Experience

Tata Consultancy Services, Mumbai, India   Jan 2021 - Jul 2022
Assistant System Engineer
- 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 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
- Created a web portal with a team of three to create, edit, read, and track FAQ tickets to cut down on lag time and double efficiency
- Led the creation of a website that allows users to access and watch Stored team meeting with a team of five
- Utilizing critical thinking abilities to identify the source of problems encountered both during the development phase and during UAT

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
- Skills Gained: Java Micronaut Framework, Aerospike, API call handling

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Publications

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