

Pranav Khismatrao

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Education

Master of Science, Software Engineering Systems

Northeastern University, Boston, MA

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

Expected May 2024

GPA: 4.0

Bachelor of Engineering, Information Technology

Mumbai University, India

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

Oct 2020

Technical Skills

Programming languages: Java, Python, JavaScript

Web Technologies: HTML5, CSS, JavaScript, Bootstrap

Frameworks: NodeJS, Android, Flask, Web API Programming, Spring Boot,

Soft Skills: Entrepreneurial Spirit, Organizational skills, Communication, Teamwork, Problem-solving skills

Databases: SQL, Mongo DB, Firebase

Certifications: Oracle Java Associate

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 **Flask 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.

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 implementing Object Oriented Design Principles, **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

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 **Flask** on the backend and **HTML, CSS, and Javascript** on the frontend, with integration with **Bootstrap** for a clean, modern UI design.
- The 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