**Pranav Khismatrao**

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**Product-oriented** Soft ware Developer with 19**+** months of experience in **Software Development,** seeking to utilize my expertise in **Back-end** and **front-end** to contribute to the success of your organization.

**EDUCATION**

**Northeastern University Boston, MA**

Master in Software Engineering Systems, **Sep 2022 – Present**

**University of Mumbai Maharashtra, India**

Bachelor of Technology in Information Technology **Aug 2016 – May 2020**

**TECHNICAL SKILLS**

**Programming/Scripting Languages:** Go, Java, Python, JavaScript, Unix Shell, HTML, XML, CSS

**Database:** MySQL, Aerospike, MongoDB, Redis, PostgreSQL

**Frameworks and Technologies:** Flask, Django, Hibernate, RabbitMQ, Node.js, Elasticsearch, REST, Gradle, Maven, Git, Junit, React.js, Servlet, Microservices, Apache Kafka, Linux, Jenkins, Docker, Kubernetes, AWS, CI/CD

**Cloud Native:** AWS, Kubernetes, GCP, Pulumi, Docker

**Certifications:** Oracle Certified Java Associate (OCA)

**PROFESSIONAL EXPERIENCE**

**Tata Consultancy Services Maharashtra, India**

**Software Developer** | Python, HTML5, CSS, JavaScript, Flask, React **Jan 2021 – Jul 2022**

* Built core **Backend APIs** for different products for deploying services based on team’s internal products mainly used while working for client company
* Developed various innovative features, use cases , Proof of Concepts, APIs for several products
* Designed responsive website to view recorded meeting videos utilizing Spring MVC framework to view and search recorded team meetings
* Delivered 2 end-to-end projects developed in **Python**, **Flask, Django** with **mongoDB** as backend database
* Built RESTful APIs using **Flask** Framework that served data to the React frontend based on dynamically chosen inputs that handled over 100000 users
* Successfully integrated cloud computing (AWS) and implemented CI/CD pipelines for seamless deployment
* Reviewed code and conducted testing for 3 additional features on video displaying Web App that increased contributions by 10%

**Sudesi Infotech, Mumbai, India**

**Android Developer Intern** | Android Studio, Java, DevOps, MVC, Firebase **Aug 2019 – Sept 2019**

* Developed intuitive and user-friendly front-end screens for android Applications using Android Studio
* Built a customized mobile application for **31+** engineers resulting in a **10%** increase in productivity
* Implemented functionalities according to business requirements using **Java**, **Kotlin** and **SQL** in Android Studio

**ACADEMIC PROJECTS**

**Online Movie Booking System** | Spring Boot, Hibernate, SQL, Java, Security, REST API **Mar 2022 – Apr 2023**

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

**CRM for Bank** | Java, Micronaut, REST API, NoSQL (Aerospike), AWS **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 backend technology implementing Object Oriented principles, **Micronaut** as **API Framework** for better performance and efficiency, along with **Aerospike** as **NoSQL** real-time database.

**NU Chronicles** | React, JavaScript, Bootstrap, Node.js, MongoDB **Nov 2022 – Dec 2022**

* Designed interactive front-end interface in React, and programmed the back-end logic in **Node.js and MongoDB**
* Employed best practices in server-side programming with Node.js and MongoDB, leading to a significant 20% boost in application performance and efficiency

**Phishing Inspector** | Python, Flask, HTML, NumPy, Machine-Learning **Nov 2022 – Dec 2022**

* Developed chrome extension to help user identify phishing websites using Machine Learning principles, leveraging Python libraries and PHP to integrate it with chrome extension
* Conducted feature analysis to identify the most important features such as length of URL, presence of keywords