



PRANAV KHISMATRAO

10 Rockville Park, Boston, MA 02119

☎ 857-693-1743 ✉ khismatrao.p@northeastern.edu  [linkedin.com/in/pranavkhismatrao/](https://www.linkedin.com/in/pranavkhismatrao/)  github.com/Pranav014

Summary

Product-oriented Software 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

Master of Science in Software Engineering Systems

Sep 2022 – May 2024

Boston, MA

Mumbai University

Bachelor of Engineering in Computer Science

Aug 2016 – May 2020

Mumbai, India

Relevant Coursework

- Data Structures
- Database Management
- Web Design
- Design
- Algorithms Analysis
- Artificial Intelligence
- Enterprise Software
- Adv Big Data Indexing

Technical Skills

Languages: Java, Python, HTML/CSS, JavaScript, SQL (Postgres and MySQL)

Developer Tools: IntelliJ, VS Code, Eclipse, Google Cloud Platform, Android Studio

Technologies/Frameworks: Spring Boot, React, REST API, Apache Kafka, Node.js, Linux, Jenkins, GitHub, Docker, Kubernetes, AWS, CI/CD, JUnit

Experience

Tata Consultancy Services

Jan 2021 – Jul 2022

Software Engineer

Mumbai, India

- Built RESTful APIs using **Spring boot** Framework that served data to the **React** frontend based on dynamically chosen inputs that handled over 100000 users
- Built core **Back-end APIs** for different products for deploying services based on team's internal products mainly used while working for client company
- Successfully integrated **cloud computing (AWS)** and implemented **CI/CD pipelines** for seamless deployment
- 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 **JavaScript, Node.JS** with **mongoDB** as back-end database

Sudesi Infotech

Aug 2019 – Oct 2019

Android Developer Intern

Mumbai, India

- Assisted in development of the front end of a mobile application for Android using **Java** and the **MVVM framework**
- Worked with **Google Firebase** to manage user inputted data across multiple platforms including web and mobile apps
- 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

Projects

Online Movie Booking System | *Spring Boot, Java, Hibernate, SQL, Spring Security, REST API*

Mar 2023

- Developed Online Movie Booking System using **Java, Spring Boot, Hibernate** and **DAO** Pattern to access SQL
- 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

- 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, Node.Js, JavaScript, MongoDB, Express.Js*

Oct 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
- Integrated platform with **tailwind CSS** and **Bootstrap**, resulting in visually appealing and user-friendly Interface