CHAITANYA TAKALIKAR

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EDUCATION

Binghamton University, State University of New York, Thomas J. Watson College of Engineering and Applied Science
Master of Science in Computer Science **Expected December 2023**
Relevant Coursework: Programming Languages, Database, Machine Learning, Web Programming
University of Pune, India
Bachelor of Engineering in Electronics and Telecommunications **August 2013 – May 2017**
Grade: First Class with Distinction

TECHNICAL SKILLS

Languages: Java, Python, ReactJS, JavaScript, PHP
Softwares and OS: Eclipse, IntelliJ Idea, MySQL Workbench, JIRA, Apache Tomcat server, Maven, Git, Docker, VS code, Vim, Linux, XAMPP
Additional: HTML, CSS, JSON, Jquery, MongoDB, MySQL, Oracle
Architecture: Model View Controller, Microservices

Introduction to Machine Learning - *Binghamton University* **May 2022 – June 2022**
Machine Learning with Python - *Verzeo* **May 2021 – June 2021**
Python Programming from Scratch - *Eduonix* **November 2020 – December 2020**
Centre for Development of Advanced Computing - *Pune, India* **August 2017 – February 2018**

PROFESSIONAL EXPERIENCE

AIT Global India Pvt Ltd, Software Engineer | Pune, India **June 2018 – May 2021**
- Developed RESTful web services APIs, followed Kanban pattern and agile practices, and developed full-stack applications to upgrade, generate and analyze data for different clients
- Designed and created work-flow for database tables and SQL queries and created PL/SQL queries while managing databases
- Delivered model view controller based applications created in Java and SpringBoot and performed unit testing for the Maven project using JUnit
- Awarded Spot Award for successfully completing the Employee and HR documentation automation tool

PROJECT EXPERIENCE

Student Registration System, Independent Project | Binghamton, NY **September 2022 – Present**
- Developed microservices in SpringBoot to achieve modularity
- Established data manipulation in mongoDB prior to preprocessing and cleansing
- Enhanced the infrastructure with docker to deliver software quickly
- Increased scalability with NoSQL database and implemented User Interface using ReactJS and JavaScript

Senior Research Aide, https://archaeolessons.com | Binghamton, NY **July 2022 – Present**
- Aided Professor by designing and developing a website in WordPress

COVID-19 in India | Binghamton, NY **April 2022 – May 2022**
- Created Visualization tool in Matplotlib for better understanding rise of covid cases region specific
- Used MongoDB for storing the database of Kaggle dataset which is used to process and visualize on User Interface
- Designed and developed RESTful Web services in Micro Web framework - Flask

Kobe Bryant Shot selection | Binghamton, NY **April 2022 – May 2022**
- Implemented Logistic Regression, K-nearest neighbor and Support Vector Machine to predict the outcome of the shot selection achieving 60% - 70% overall accuracy

AI Assistant based Chatbot | Nashik, India **June 2020 – June 2020**
- Designed and created Artificial Intelligence based chatbot in RASA framework to analyze and answer school related queries

Pre-Owned Cars Systems | Karad, India **December 2017 – January 2018**
- Customized full stack Web application to showcase cars sales online. The technology used were Java, MySQL, HTML and CSS

WORK EXPERIENCE

Student Assistant, ITS Help Desk | Binghamton, NY **July 2022 – Present**
- Assisted numerous students in resolving issues in computers and printing
- Facilitated manager in assembling 50+ new desktops