

Zuhaib Shakeel Khan

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EDUCATION

MS in Computer Science Aug'22 - ongoing
University of Wisconsin, Milwaukee Milwaukee, WI

Bachelor of Engineering (Electronics & Telecommunication) Aug'16 - Aug'20
Sinhgad College of Engineering Pune, MH

WORK EXPERIENCE

Infosys CH, INDIA
System Engineer Associate Feb'22– Aug'22

- Emphasize backend development skills, API integration, and proficiency in data structures and algorithms.
- Engaged in an intensive Java and Python training program, focusing on backend development concepts.
- Gained hands-on experience in developing and integrating APIs.
- Developed proficiency in core concepts, including object-oriented programming, data structures, and algorithms.

SKILLS

Technical Skills:

- **Programming Languages:** Java, Python
- **Web Development:** Html, CSS, JavaScript, Django, Flask, Postman
- **Data Science:** Python, Numpy, Pandas, Sklearn, Beautifulsoup
- **Cloud:** Azure, AWS : EC2, Virtual Machine, VPC, IAAS
- **Operating System:** Linux

PROJECTS

Educational Chatbot – S.A.R.A (Smart AI Retrieval Assistant)

- SARA is an educational chatbot tailored for students wherein they can upload the document they want to study and get answers based strictly on the document uploaded.
- Accomplished hosting it on a cloud-based infrastructure on AWS, where we meticulously configured separate servers for web services and database within a Virtual Private Cloud (VPC) and employed Nginx as a reverse proxy server to ensure optimal security and efficiency.
- Successfully created API endpoints for seamless data interaction and backend functionality. Also created a REPL for real time working of the project.
- **Technologies used for the project:** EC2, VPC, nginx, python, Flask, chromadb, mysql, GPT-3.5 API

Movie Rental (Flask)

- Created a Flask-based web application for managing movie rentals, featuring account creation, movie renting, and rental history tracking.
- Enabled administrative functions for movie inventory management, enhancing system utility and user experience.
- Successfully implemented CRUD(create, read, update and delete) operations.

Spotify Playlist Generator

- Developed a Python-based application to create Spotify playlists based on Billboard's Top 100 chart.
- Implemented OAuth 2.0 for secure user authentication and personalized playlist creation.
- Utilized BeautifulSoup for web scraping, extracting song data, and Spotipy API for playlist management.