# **AYUSH KANAUJIA**

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Software developer with experience in designing and developing of backend systems for Web Applications. Proficient knowledge of MySQL, Python, JAVAScript, HTML5, CSS3, MongoDB, C, C++, Git, Docker, AWS. Developed microservices by creating restAPIs and used them to access data from different suppliers.

## **EDUCATION**

**Bachelor of science: Computer Science** 

Jan 2019 - May 2023

Northwest Missouri State University, Maryville, MO

#### SKILLS

Languages and Frameworks: Python, Java, C++, C, BashScript, JavaScript, XML, GodotScript, Experience in PowerShell, HTML,

CSS, Django, React, Bootstrap, Vue.js, Node.js **Databases Management**: SQL, MySQL, MongoDB

 $\textbf{Operating Systems and Computational Softwares}: Linux, Windows, MacOS, Visual Studio Code, X Code, Jupyter Lab, \ GitHub, GitBash, Code, Visual Studio Code, Visua$ 

Netbeans, Visual Paradigm, SQLWorkbench, Terminal, Vim, Nano, JFlap, Android Studio, Godot, Tableau, Raspberry Pi

## **PROJECTS**

QR Code builder | Self Project

Aug 2022

- Used QR code library of python to implement the QR code system
- Used PIL library to customize the QR Code
- Made it dynamic and user preference based and also gave the option to the user to add and Image or not

University Parking App Research | EZ parking app using Internet of things | Northwest Missouri State University

Jan 2023 - May 2023

- Did research under university about a parking app and presented in CCSC 2023 conference
- Implemented and tested parking system using QR device, GPS and user geolocation
- Used frameworks of **JAVAScript** such as **Vue.JS**, Express and node.JS for development of WebApp. Used user's **GPS location** to track user's current location and the desired parking lot location where user want to park to provide **optimal distance** to user
- Once user reaches to their desired parking location, they have to scan the QR code which will be provided from a QR code device.
  Once user scan the QR code their car will be register as parked in the implemented database which is developed by using Google Firebase.

## **WORK EXPERIENCE**

Career Ambassador | Career Services, Northwest Missouri State University, Maryville, MO, 64468

Jan 2020 - May 2023

- Implemented data manipulation and storage using MySQL along with Tableau to visualize the data.
- Used **Pandas** for data cleaning and plotted the graphs to visualization.
- Used GIT version control to keep track of changes in source code to easily manage and collaborate on the project.
- Build SQL queries for performing various CRUD operations like create, update, read and delete.

Junior Intern | EZ Technology Solutions LLC, Hopewell JCT, NY

Jun 2022 - Aug 2022

- Organized, formulated, and complied test data and faults report and performed data manipulated and data analysis using pandas python library
- Experience in coding in various AWS services like cloud watch and lambda. Also involved in designing and working EC2, S3, RDS,
  SOS and other services of AWS infrastructure.
- Worked in a team of developers to meet requirements on time using Agile Methodology such as Scrum points.

#### **AWARDS & HONORS**

Celebration for Scholars | Honors Society, Northwest Missouri State University

Apr 2023

• Won first prize for presenting research work on poster of EZ Parking app using **IOT**(internet of things)

International Achievement Award | Northwest Missouri State University, 800, College Dr, Maryville, MO.

Jan 2019