Hemeshwar Konduru

8127784664 • hkonduru@iu.edu • linkedin.com/in/hemeshwarkonduru/ • github.com/hemeshwarkonduru

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript (ES6), C++, HTML5, CSS3
Frameworks: Spring Boot, React.js, Node.js, Flask, Django
Tools: Postman, Google Cloud Platform, Git, GitHub, Heroku
Skills: Back-end, Front-end, Micro-services Architecture, Agile
Databases: MongoDB, PostgreSQL, MySQL
Certifications: Google Associate Cloud Engineer

EXPERIENCE

Tata Consultancy Services: Backend Developer / Google Micro-services Engineer Jan 2021 - July 2022

- Worked on developing RESTful APIs in Java Spring Boot for client's mobile app and website supporting a user base of 10K+ users.
- Utilized Micro-services Architecture to build 8 micro-services that communicate among themselves to support around 300 different API calls.

Roles and Responsibilities:

- Reduced the number of service requests in production by 30% by finding patterns in the requests and developing APIs to resolve them.
- Experienced and followed agile and scrum working methodologies in an office environment.
- Integrated Push Notifications for the mobile app using Google Firebase in the Backend.

PROJECTS

Super Market Data Analyzer (link) Spring 2023
Collaborated in a team of three to develop a website that visualizes the data of a supermarket chain.

- Utilized Node.js framework to develop APIs which are used to populate and visualize the data on the website.
- Used JavaScript to serialize the data from CSV to PostgreSQL.

Event Factory (link) Fall 2022
Collaborated in a team of four to design, develop and deploy a website to organize events and book venues.

- Developed APIs in Python Flask and designed the database structure for the project.
- Recognized by faculty audience as "Best Presentation" out of 20 teams.

Vehicle Number Plate Detection
Led team of three to design and develop an IOT based device which can detect the characters in the number plate of a vehicle.

- We used Raspberry Pi device to detect the characters from the image by using KNN classifier in Python.
- The device stores the data into MySQL server which can be further processed.

EDUCATION

Master of Science in Computer Science Graduating May 2024
Indiana University Bloomington, IN
Luddy School of Informatics, Computing, and Engineering
GPA - 3.66
Relevant coursework: Software Engineering, Applied Algorithms, Programming Language Principles

Bachelor of Technology in Computer Engineering Aug 2016 - June 2020
REVA University, India
GPA - 3.62