Kapil Singhal

Java & Python Backend Developer

A highly organized and hard-working Software Engineer with an experience of 3 year as a backend developer.

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WORK EXPERIENCE

Member Technical Staff
NEC Corporation India Private Limited

01/2021 - Present   *Noida, India*

Tasks

- Worked on mod-WSGI Apache integration to run python project as a background service.
- Working on Java spring boot end point operation of AMS(Alert Management System).
- Working on Rest APIs, Swagger and Junit.

Graduate Engineer Trainee
NEC Corporation India Private Limited

07/2019 - 12/2020   *Noida, India*

Tasks

- Create a tool using OpenCV to fetch text and image from documents like Aadhar, Passport (using python).
- Worked on Angular for frontend of Visitor Management System.
- Worked on Java Spring Boot for endpoint operations of VMS.
- Create a python script to manage windows application and control start, stop, restart on remote computer using python.
- Create a face mask detection tool to check visitor have a mask or not using python.

Trainee
NEC Corporation India Private Limited

01/2019 - 06/2019   *Noida, India*

Tasks

- Worked on cookbook to automate the software installation on remote system.
- Research and development on Sysprep.
- Worked on Angular for frontend of Visitor Management System.

EDUCATION

B.Tech in Computer Science & Engineering
ABES Engineering College, Ghaziabad

07/2015 - 06/2019   *Percentage : 73.18*

SKILLS

Python Java Django SpringBoot C++ C Angular JavaScript Jira Data Structure Git Linux REST SQL Postgres WSGI JUnit Rest Api Docker

PROJECTS

Billing System (01/2019 - 07/2019)
- This is a GST Bill Generator which is also maintain Inventory and details of Customer and Retailers.
- Frontend - HTML, CSS, JS, Backend - Django (Python).

Customer Feedback classification using CNN (06/2018 - 12/2018)
- Feedback Detection and classify them into desirable classes like, Police, Food, Clean, Maintenance.
- Frontend - HTML, CSS, JS, Backend - Django (Python).
- Machine learning based research project.

ABES EC Timetable. (03/2017 - 08/2017)
- The aim of this project is to create Software for college and the purpose is to maintain the "TIME TABLE " for both the students and staff.
- Frontend - HTML, CSS, JS, Backend - Django (Python)

Automatic Light Controller using IR Sensor (01/2016 - 04/2016)
- Automatic control the light of the room on entry and exit of the person.
- Arduino Board, IR Sensor.

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

INTERESTS

Cricket Competitive Programming Cooking Music Chess