Akhilesh M N

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EXPERIENCE

Infolink Technologies Pvt. Ltd.   September 2019 - April 2021
Software Developer   Bengaluru, India

- Involved in developing and maintaining EndoScanV, a software developed by **Charles River Laboratories**, which is used to manage devices such as Elx808 that measure toxicity level in drugs. Developed numerous features to report and track the results of LAL testing.
- Designed and developed the **simulator software** for EndoScanV which involved project planning, model formulation, input data collection, model translation and testing. The simulator software aided in speeding up the recurrent testing that the software had to perform.
- Successfully managed software development life cycles and accomplished unit testing, bug fixing, debugging and deployment of new features.

MoveInSync Technology Solutions Pvt. Ltd.   July 2018 - August 2018
Software Intern   Bengaluru, India

- Developed tools using APIs to flawlessly retrieve data from Amazon S3 and Microsoft Azure and collate the data.
- Built a **face recognition** app using the cloud based software called Amazon Rekognition API to verify the identity of the driver.
- Used Google App Script to extract data from google sheets and employed them in applications.

PROJECTS

License Plate Recognition System
Collaborated with teammates to develop a system that uses image processing and neural networks to identify the characters of a licence plate. The project was coded in python. Images of vehicles were used as input which were then processed by three algorithms such as K-Nearest Neighbours, Tesseract-Optical Character Recognition and **Convoluted Recurrent Neural Network** to retrieve the exact licence plate characters.

Directories Synchronization

Employed socket programming in python to establish link between **client and multiple servers**. Generated a composite list from multiple servers which would be sent to the client upon its request. Synchronized the directories of client and server and provided the feature to lock files.

Human Resource Management
Developed a software using **Netbeans** and **MySql** that store and manage all of the employees data within an organization. The human resource manager would have access to view and manipulate data using the user interface. Java(Netbeans) was used for the front end User Interface while MySQL was used for the backend database.

EDUCATION

University of Texas At Arlington   August 2021 - December 2023
Master of Science in Computer Science   GPA: 4.0
Specialization: Artificial Intelligence and Database

Visveswaraiah Technological University (VTU)   August 2015 - July 2019
Bachelor of Engineering in Computer Science   CGPA: 7.5

SKILLS AND COURSES

Languages : Python, SQL (PostgreSQL, MySQL), Java, C#, .NET, Javascript/HTML/CSS
Online Courses : Data Analytics, Programming Concepts in Python, Computer Networking