



ELUMALAI.S

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Summary:

To Perform well during my job to the most satisfaction and overcome any challenges thereby. To achieve superior standards of performance by collective Co-ordination and there by reach the organization goal.

Work Experience:

INFINITE BULLSEYE- Software Developer

MAY 2023 – Present

- During my tenure at Infinite Bulls Eye, I contributed to the development and enhancement of software solutions. My contributions included writing code, debugging issues, and implementing new features. I collaborated closely with team members to achieve project milestones and ensure the delivery of high-quality software products.

Projects:

Next generation soil moisture prediction:

- I have created a website for an organizational project using the Django and Angular frameworks. For the backend, I utilized the Django framework, while the frontend was developed using Angular. Additionally, I implemented a prediction model using the LSTM (Long Short Term Memory) model based on the project dataset. I am responsible for managing and incorporating new changes requested by the client on a weekly basis. The project is deployed on AWS (Amazon Web Services), also I have create the own server for my organization.

Object-detection:

- I collected the pig dataset and annotated it on Roboflow. I then trained the annotated data using YOLOv5 to detect Moving pigs.
- I collected the Crack dataset and annotated it on Roboflow. I then trained the annotated data using YOLOv8 to detect Cracks on Bridge.

Android Development:

- I made significant contributions to the design, implementation, and enhancement of the Folsom Pulse mobile application. Collaborating closely with a team of developers and designers, I ensured seamless integration of new features and improvements to the user interface.

Skills:

- **Languages:** Python, Dart, SQL,
- **Markup Languages:** HTML, CSS,
- **Cloud Technologies:** AWS (EC2, S3, ECS, Lambda, IAM),
- **Development Tools:** VS Code, Android Studio, Jupyter Notebook,
- **Machine Learning:** Random Forest, Decision Tree, SVM, XGBoost,
- **Frameworks:** Flutter, Angular, Django,
- **Operating Systems:** Windows, Ubuntu,

Education:

BE-CSE [Bachelors of Computer Science]

Kingston Engineering Collage -Vellore

Year-of-Passing: 2018-2022

Percentage: 76%

LANGUAGES KNOWN:

English,
Tamil.

PERSONAL INFORMATION:

| | | |
|---------------|---|------------------|
| Name | : | Elumalai S |
| Father's Name | : | Saravanan M |
| Date of Birth | : | 02-08-2001 |
| Gender | : | Male |
| Nationality | : | Indian |
| Religion | : | Hindu |
| Blood Group | : | B ^{+ve} |

DECLARATION:

I here by declare that the particulars stated above are true to the best of my knowledge and belief.