SHANMUHAPRIYA BASKARAN

Software Engineer

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Oct 24, 2000

Indian

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EXPERIENCE

Mar 2022
May 2022

PREMIER GRADUATE ENGINEER TRAINEE

Hexaware Technologies | Chennai, India

Trained and hands-on in full-stack development (ReactJs, Spring boot, and MongoDB) and unit testing.

Trained and worked on real-time projects.

Participated in Hexaware hackathon for a full-time position.

Jul 2022
Feb 2023

ASSOCIATE SOFTWARE ENGINEER

Hexaware Technologies | Chennai, India

- Consistently met my short and long-term targets.
- Proactively participated in meetings and took the initiative in resolving technical issues.
- Worked on developing CI/CD techniques, and templates for stacks such as Spring Boot with MySQL and MSSQL resulting in robustness and increase in the developer's velocity.
- Worked on developing and migrating new UI screens in React TypeScript from existing screens in React JS.

Mar 2023
Present

SOFTWARE ENGINEER

Hexaware Technologies | Chennai, India

- Worked with and developed applications with JAVA, Spring Boot, and H2 database as well as worked on troubleshooting methods and documented solutions.
- Wrote maintainable and extensible code in a team environment.
- Worked on developing composable templates using yeoman-templates, and ts-morph, based on the client's requirements for code generation via yaml files.

EDUCATION

Aug 2018
May 2022

B. TECH

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY | Chennai, India

Graduated with first-class distinction - 8.931 CGPA

PROJECTS

Parkinson's disease recognition using Deep Learning:

Parkinson's disease (PD) is considered the second most prevalent disorder that deals with the dysfunction of motor skills in humans.

Symptoms of this disorder include patients, having trouble walking straight, writing and drawing, and also communicating properly.

In the early stages, the symptoms are subtle and unnoticeable. This paper deals with recognizing the symptoms of PD and providing accurate results. We utilize the concepts of Machine Learning, Deep Learning such as LSTM, CNN, and LeNet techniques to come up with a solution that provides an accurate result by comparing PD patient datasets with Unaffected PD individuals datasets.

Human Activity Recognition System - Deep Learning:

Human Activity Recognition (HAR) is a technique for observing, recognizing, and notifying a sequence of events in the environment. Human

movements are the only activity left. Many applications in numerous disciplines and industries, including healthcare (rehabilitation aid,

diabetes, and cognitive diseases), eldercare, and video monitoring, have been introduced using HAR as a core principle.

We pick Logistic Regression (LR) as the benchmark model because of its ease of use and high performance on a dataset, and we compare it to Decision Tree (DT), Support Vector Machine (SVM), Random Forest (RF), and Artificial Neural Network (ANN) (ANN). Data is pre-fed to the sensor, which it uses as templates. The sensor uses templates to inform the specific activity throughout the stage of seeing and recognizing. Walking, jumping, running,

sitting, lying, and other activities are all possible.

CERTIFICATIONS & COURSES

Microsoft Certified: Azure Fundamentals

PUBLICATIONS

Parkinson's Disease Recognition Using Deep Learning

Journal of Computing, Engineering, and Architecture · May 12, 2022

This project detects the presence of chronic and progressive movement disorders using deep learning techniques such as RF, LSTM, KNN, and LeNet.

OBJECTIVE

Result-oriented software engineering professional with expertise in developing secure applications. Well-versed in creating test cases, as well as covering all test conditions and eliminating redundancy and duplications. Experienced in React JS, TypeScript, and Spring Boot seeking an internship. Certified in Microsoft Certified: Azure Fundamentals.

SKILLS

- Troubleshooting
- Databases - MySQL, MongoDB
- Front-end languages such as JavaScript, TypeScript
- JavaScript frameworks such as ReactJS, NodeJS
- Backend languages such as Java, Springboot
- Strong written and verbal communication skills

LANGUAGES

- Tamil | Native
- English | Advanced
- Hindi | Intermediate