Soumya Thoutam

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Education

Jawaharlal Nehru Technological University   India
Bachelor of Technology in Information Technology   2016 - 2020

Portland State University   USA
Master's in Computer Science   2022 - Present

Experience

Accenture Solutions Private Limited   Nov 2020 - Dec 2021
Application Development Associate, DevOps   India

- Worked on Web-based **JAVA** Applications.
- Coordinated with supervisor in brainstorming the application glitches by improving the efficiency.
- Maintained daily incident log tracking, number of incidents open, assigned, and breached.
- Supported 7 different applications by creating the Incident Management, Problem Management, and Change Management Process for migration and software deployment.
- Worked with the team and improved productivity by resolving **Database** related issues.
- Ensured efficient communication between assignee, users, and business clients on daily work tasks.
- Assisted **Knowledge Training** sessions for Team on Production and Integration Environment support.

Projects

Covid-19 Cases | *DBMS*   **View Project**

- Built a **Database Management System** that determines the number of cases, number of deaths, confirmed cases and confirmed deaths on daily bases.
- Created a sophisticated database which can be used to demonstrate most of the **SQL** features like joints, triggers, procedures, functions, aggregations etc.

Traffic Signs Recognition | *Python, Spyder Console*   **View Project**

- Built a **Deep Neural Network** model that classifies traffic signs present in the image into different categories to read and understand traffic signs.
- **CNN** model used detects 43 classes by Image Classification. Based on Keras contains a 5x5 Kernel filter and 2x2 max pooling.

Manor | *JAVA, Eclipse*   **View Project**

- Developed JAVA Web-Based Application provides the Real-Estate Business in a better way.
- The application consists of four modules Tenant, Seller, Buyer, and Owner.
- Applied a supervised learning Decision Tree algorithm.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.

Technical Skills

- C, Python, Java
- Mysql, Oracle
- Machine Learning, Artificial Intelligence, Deep Learning
- Coursework: DBMS, Algorithms, Web Development, Voice Assistants, Usability Engineering

Achievements

- Completed AI For Everyone Course authorized by DeepLearning.AI offered through **Coursera**.
- Secured Elite in **NPTEL** for course Joy of Computing on Python.
- Selected as 1st Runner-Up of Chatbot Hackathon by **IBM Watson**.
- In association with **Facebook** attended Technology and Career Conference powered by **CDK Global**.
- Participated in 24 Hrs. Hackathon on **Artificial Intelligence** with IBM Watson.
- Successfully Completed JAVA training by **Accenture**.
- Completed 300 hour Women in Software Engineering Program by **TalentSprint Pvt. Ltd**.

Extracurricular

- Awarded as a Peer Counsellor by **Asia Book of Records**.
- Certified for completion of Entrepreneurship Awareness Camp sponsored by **NSTEDB**.
- Participated in the run conducted by **Street Cause** for the betterment of society.