Kiruthika Janakiraman

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EDUCATION

SSN College of Engineering   Chennai, India
Bachelor of Engineering in Computer Science   *Aug. 2018 – June 2022*
CGPA: 9.35/10.0

PSBB Senior Secondary School   Chennai, India
Computer Science   *June 2014 – Apr. 2018*
12th Standard: 95.4%

WORK EXPERIENCE

Technical Analyst - Application Developer   July 2022 – Present
Citicorp Services India Private Limited (Citi)   *Chennai, India*
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Business Analyst Intern   Jan. 2022 – June 2022
OLX Autos   *Gurgaon, India*
- Worked with Business Intelligence team to build reports used to analyze B2C performance using SQL and R and automated them using Jenkins
- Developed a dashboard using Tableau to derive insights from a vast set of customer experience data
- Built a Self Inspection report with a stage-wise funnel used to analyze the jounrey of self inspected cars

Software Development Intern   June 2021 – July 2021
LeanKloud Solutions   *Chennai, India*
- Worked on optimizing ElasticSearch for clients using AWS
- Used boto3 client to fetch cluster metadata and metrics from AWS CloudWatch to optimize ElasticSearch

Full Stack Engineer Intern   May 2021 – July 2021
Aravind Eye Care System   *Chennai, India*
- Developed an e-commerce website to manage an inventory, sales and deliveries using Angular, Node.js and SQL

PROJECTS

Real-time Stock Price Prediction 🗘 | *Flair, LSTM, CNN, Streamlit*   Jan. 2022 – June 2022
- Built an ensemble deep learning model using LSTM, CNN and Random Forest Regressor that uses sentiment scores of news articles along with historical stock price data to predict the future closing price for a company. The predictions were visualized in a real time web application built using Streamlit. Paper publication is in progress.

Blind Abled Reading Frame 🗘 | *Raspberry Pi, Python, Google Cloud Vision API*   Aug 2019 – Mar. 2021
- B.A.R.F is a cognitive frame built using Raspberry Pi and uses voice commands to assist the visually impaired. Text and image processing is used to detect text, objects and currency from images and the results are converted to audio. Currently submitted patent application and waiting for the result.

PCOS Prediction 🗘 | *Python, ML*   April 2021
- Built an ML model that performs early prediction of PCOS in women using the patient's medical history. Compared the performance of different ML models and observed that Random Forest Classifier gave the most accurate predictions.

Apartment Management System 🗘 | *MongoDB, Express, React, Node.js, JavaScript, Bootstrap*   Jan 2021
- Developed a web application using MERN stack that can be used by the residents, committee members and security guards of an apartment to automate and digitalize their daily activities.

Technical Skills

Languages: Python, Java, C, C++, SQL, HTML, CSS, JavaScript, R
Tools/Frameworks: React, Node.js, Angular, Flask, ElasticSearch, JUnit, Spring, Tableau, Jenkins, OpenShift, Git
Libraries: Pandas, NumPy, Matplotlib, Scikit-learn

Certificates and Workshops

Web Design for Everybody | University of Michigan, Coursera
MERN Stack Complete | Udemy
Deep Learning Specialization | DeepLearning.AI, Coursera
Artificial Intelligence A-Z | Udemy
Cloud Computing Basics | LearnQuest, Coursera
Social Networks | NPTEL
Software Testing | NPTEL
Workshop on Text Analysis | ICCIDS

Achievements

First Class with Distinction - SSNCE	2022
Participated in Bitwise 2021 Coding Contest - ACM-W Student Chapter	2021
5 Star Gold Badge - SQL, HackerRank	2020
Participated in Smart India Hackathon 2019 - SSNCE	2019
First Place in Carrom Championship - SSNCE	2019

Volunteer/Leadership Experience

Volunteer - Youth Red Cross, SSNCE   2018 –2022
- Took part in activities like lake cleanups, helmet awareness rally and campus cleaning

Organizing Committee - O&T Expo, Citi   Sep. 2022
- Helped organize a 24 hour hackathon as a part of the O&T Expo at Citi

Event Head - Devathlon, SSNCE   Oct. 2021
- Organized a Startup Hackathon as a part of college technical festival