

Kiruthika Janakiraman

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in kiruthikajanakiraman 📄 kiruthikajanakiraman

EDUCATION

University of Illinois Urbana-Champaign

Master of Computer Science

Champaign, Illinois

Aug. 2023 – Dec 2024

SSN College of Engineering

Bachelor of Engineering in Computer Science — CGPA: 9.35/10.0

Chennai, India

Aug. 2018 – June 2022

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

WORK EXPERIENCE

Technical Analyst - Application Developer

July 2022 – July 2023

Citicorp Services India Private Limited (Citi)

Chennai, India

- Designed and developed REST APIs for new code features and enhancements using Spring Framework and Java 8
- Migrated monolithic legacy application to microservices architecture leading to improved scalability and ease of deployment
- Collaborated with Wealth Management team to develop and deploy an advisory application that recommended tailored investment products for customers, resulting in a 25% increase in high-profile customer engagement.

Business Analyst Intern

Jan. 2022 – June 2022

OLX Autos

Gurgaon, India

- Worked with Business Intelligence team to build reports for analyzing B2C performance using SQL and R and automated them using Jenkins
- Created a Tableau dashboard to derive insights from customer experience data resulting in a 30% improvement in customer retention
- Received Shining Star Award for building a Self Inspection report to analyze the journey of self-inspected cars, identify bottlenecks and drive process optimization

Software Development Intern

June 2021 – July 2021

LeanKloud Solutions

Chennai, India

- Optimized ElasticSearch usage using AWS thereby reducing the cost for clients by 20%
- 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 inventory, sales and deliveries using Angular, Node.js and SQL

PROJECTS

Blind Abled Reading Frame 📄 | Raspberry Pi, Python, Google Cloud Vision API

Aug 2019 – Mar. 2021

- Built a voice enabled cognitive frame to assist the visually impaired by detecting text, objects and currency from images using text and image processing. The project has been submitted for patenting.

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.

Real-time Stock Price Prediction 📄 | LSTM, CNN, Random Forest Regression, Sentiment Analysis

May 2022

- Built an ensemble deep learning model 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.

ACTIVITIES

Received Best Budding Team Member Award - Citicorp Services

Volunteered at Youth Red Cross, SSNCE

Organized a 24-hour hackathon at the O&T Expo at Citi