Ramana Krishnam Raju Kalidindi

Software Engineer

krkraju997@gmail.com

+44 7825739182

Bristol

linkedin.com/in/ramana-krishnam-raju-kalidindi

github.com/RajuKalidindi

Enthusiastic Software Developer eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Skilled in working under pressure and adapting to new situations and challenges. Motivated to learn, grow, and excel in this field.

WORK EXPERIENCE

Software Engineer
Sopheon UK Limited

02/2023 - Present

Responsibilities

- Developed new features and resolved bugs using React, Typescript, AWS, Laravel, Python, and GraphQL.
- My responsibilities include creating new React components, managing state with Redux, writing Jest tests, enhancing search functionality with filters, building analytics in Python, and adjusting permissions in Laravel.

Angular Developer Intern
Multiscale Technologies Inc, India

04/2021 - 07/2021

Responsibilities

- Designed and maintained responsive user interfaces using Angular Material, HTML, Bootstrap, and CSS.

Android Developer Intern
M3bi India Pvt Ltd, India

05/2019 - 06/2019

Responsibilities

- Built an end-to-end android application prototype development pipeline using Kotlin programming language and Material design.
- Communicated with client's product manager, stakeholder.

Android Developer Intern
Maple Software Pvt Ltd, India

05/2018 - 06/2018

Responsibilities

- Acted as a technical intern lead for the team
- Developed an application in Android studio using JAVA, integrated REST APIs and thoroughly documented the entire development process.

EDUCATION

Master of Science (MSc) in Computing Science
University of Glasgow, United Kingdom

09/2021 - 09/2022

Courses

- Data Science, Big Data, Information Retrieval, Web Science, Deep Learning

Bachelor of technology (B.Tech) in Computer Science
International Institute of Information Technology Bhubaneswar, India

08/2016 - 08/2020

Courses

- Data Structures, Relational Database Management Systems, Internet Of Technology, Digital Image Processing, Cryptography

SKILLS

Programming: React, Python, Javascript, Typescript, AWS, HTML, CSS, GraphQL, Laravel, Shell scripting, C++, Java, Git, Github, Angular Material, C#, Bootstrap, MySQL, Kotlin, Spark, Linux, Microsoft Office, Unity, LaTeX

Soft Skills: Leadership, Communication, Time Management, Attention to detail, Adaptability

PROJECTS

RingAuth

- Designed a novel user authentication method for virtual reality using C#, Unity, and Oculus Quest. Additionally, user studies were conducted to compare the existing keypad authentication to the new technique.

Colon cancer study

- Deep learning techniques were used to classify the images of cell nuclei. Created a custom convolutional neural network to distinguish colon cells into healthy and cancerous tissue.

BikeStop

- Developed a bike-sharing system for the city of Glasgow that allows users to rent, return, and report bikes. Flask framework was used to develop this software along with MySQL for the database.

Proxy Re-encryption

- Proxy Re-encryption allows a message encrypted for one user to be modified so another user can decrypt it with their secret key, without the proxy accessing the original message or private keys. Implemented using the Charm framework in Python.

Car Data Analysis

- Analyzed a car dataset to find the features that majorly effect the price of the car and created a regression model to predict the price. Overpriced and underpriced cars were also identified.

ACHIEVEMENTS

Secured Proficiency Award for being the school topper in Computer Science and Physics in XII standard.

Served as a Captain of Timpany School.

I was one of the rank openers of IIIT Bhubaneswar.

Awarded the title Mr. Timpany for being the Best All-Round Performer in academics and sports.

INTERESTS

Front-End development

Full Stack Development

Data Analysis

Data Science

Android Development

Virtual Reality

Augmented Reality