MA RUZNY AHAMED

Software Engineer

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📍 Colombo, LK

SKILLS

| Machine Learning/AI | Linux | SQL | Docker | GIT Distributed System | AWS | MongoDB | Python |

| REST API | Data Structures | Algorithm Design & Analysis | Agile | Object-Oriented Programming |

| Web Security | CI/CD | Ansible | Kubernetes | Terraform | Jenkins |

EXPERIENCE

Software Engineer

KIP & Associates

📅 2020 - Present   📍 Fort Myers, FL

Integral member of the development team for over 3 years, contributing significantly to KIP & Associates' success.

- Collaborated with cross-functional teams to design and implement new features and functionalities.
- Conducted code reviews to ensure code quality and adherence to coding standards.
- Implemented responsive design principles for mobile-first web development.
- Utilized modern HTML(5) and CSS(3) techniques to create modular and responsive templates.
- Developed and maintained stable, scalable, and high-performance web applications using React.js, TypeScript, and Node.js.
- Employed version control systems (Git) to manage the codebase and facilitate collaboration.
- Practiced continuous integration and deployment (CI/CD) for efficient software delivery.
- Implemented RESTful APIs to facilitate communication between the front-end and back-end systems.
- Implemented web security best practices, including the use of JWT, local storage, sessions, cookies, hashing, encryption, OAuth, HTTPS, CORS, and more.

Associate Software Engineer

CodeGen International

📅 2019 - 2020   📍 Colombo, LK

Associate Software Engineer at CodeGen International, contributed to facial recognition project, implemented visualizations, collaborated in agile environment, and embraced continuous learning.

- Designed and implemented the front-end for a facial recognition project using Angular.
- Implemented visualizations using JavaScript libraries like chart.js to enhance user experiences.
- I participated in an agile development environment with weekly stand-ups and sprint planning.
- Implemented DevOps practices using GIT, GitLab, and Jira.
- Applied basic coding principles such as DRY (don't repeat yourself) and KISS (keep it simple, stupid).
- I worked on building new Angular and React components for customer-facing web applications.
- Conducted testing for bug fixes and new features to increase software efficiency.
- Collaborated with QA teams to conduct thorough testing of web applications.
- Implemented responsive web design principles for cross-browser compatibility.
- Practiced continuous learning and skill development through online courses and workshops.

EXPERIENCE

Full Stack Developer
Freelancing

📅 2018 - Present   📍 Remote

Freelance full-stack developer since 2018. Specializes in custom web applications, utilizing diverse technologies. Collaborates closely with clients, delivering projects on time. Demonstrates proficiency in full stack development, ensuring functional and user-friendly solutions. Committed to excellence and client satisfaction.

- Designed and implemented web applications along with 3rd-party software integrations as a frontend developer for customer-facing projects.
- Developed user interfaces with modern JavaScript frameworks, HTML5 and CSS3, which improved user satisfaction.
- Maintained and optimized websites and user interfaces to improve loading time and web accessibility.
- Designed and developed web applications using the JavaScript frameworks React.js and Angular to increase the target audience.
- Created a mobile responsive user experience with CSS Flex-box that allowed cross-platform accessibility to the website on any device with primary use on mobile.
- Utilized HTML, CSS and JavaScript to create 50+ responsive landing pages for both company and clients.
- Assisted in the creation and maintenance of RESTful APIs for seamless data retrieval.
- Implemented security best practices for web applications using Authentication, Authorization, JWT, OAuth, SSO, Session, and cookies.

VOLUNTEERING

Web & Machine Learning Developer

📅 2018 - 2020

Web and ML Developer with a freelancing and volunteering background since 2018. Creates responsive web applications, optimizes sites for speed, ensures positive user experience while Simultaneously contributed to the Data Science & Machine Learning domain.

- Developed user interfaces using modern JavaScript frameworks, HTML5, and CSS3.
- Maintained and optimized websites for improved loading time and accessibility.
- Created mobile-responsive user experiences with CSS Flex-box for cross-platform accessibility.
- Developed and implemented basic predictive models for business insights.
- Conducted exploratory data analysis (EDA) to extract insights from datasets.
- Utilized tools such as Jupyter Notebooks, Pandas, and Scikit-Learn for data manipulation and analysis.
- Applied fundamental machine learning algorithms, including supervised and unsupervised learning, to analyze and interpret data sets.
- Solved CSS issues on existing projects, performed bug fixes, and code reviews.
- Helping people finish their existing projects and solving coding problems.
- Worked on building new Angular and React components for the customer-facing web app, which improved the loading time.
- Built RESTful APIs that served data to the JavaScript front-end based applications.

EDUCATION

B.Sc. in IT & Data Science
European International University (EIU)
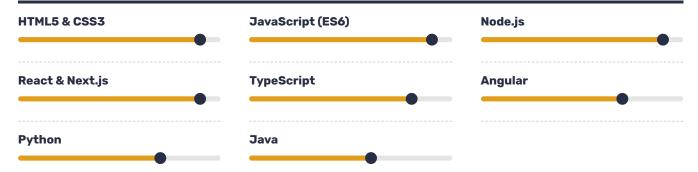
📅 2020 - 2024   📍 Paris, France

Computer Science
Coursera

📅 2018 - Present   📍 Online

Diploma in English Language
ICBT Campus

📅 2017 - 2018   📍 Matara, LK

PROGRAMMING

HTML5 & CSS3

JavaScript (ES6)

Node.js

React & Next.js

TypeScript

Angular

Python

Java

STRENGTHS

💬 **Oral and Written Communication**

✔️ **Reliable and Consistent**

📒 **Committed to Lifelong Learning**

🧍 **Team Building**

PROJECTS

Qnotes

🔗 https://github.com/rooneyrulz/qnotes

Qnotes is a full-stack project developed using the MERN stack (MongoDB, Express.js, React, and Node.js), featuring a multiple-role-based login system with Google SSO login, GitHub SSO login, and traditional username and password login. This application allows users to create and manage notes, assign notes to others, and includes administrative features for user management.

Developer Social Network

🔗 https://github.com/rooneyrulz/dev_social_network

Developer Social Network is a Django-powered Python application offering secure user authentication, authorization, and permission controls. Similar to Facebook, it facilitates collaborative engagement with features like post creation, profiles, likes, and comments. Utilizing Django and Bootstrap, it provides a streamlined and user-friendly platform for developers to connect and share.

Quickcart

🔗 https://github.com/rooneyrulz/quickcart

Quickcart, a feature-rich E-commerce application built on the latest Next.js 13 framework. This project combines the power of App Router, TypeScript, seamless deployment strategies with Vercel, TailwindCSS for stunning designs, Prisma for efficient database management, and Daisy UI to enhance the UI/UX experience.

Ultimate CICD

🔗 https://github.com/rooneyrulz/springboot-cicd-demo

The Ultimate CICD project implements a Jenkins pipeline for Java applications, integrating SonarQube, Argo CD, Helm, and Kubernetes. It automates code checkout, builds, testing, and deployment, ensuring efficiency and reliability. By leveraging popular DevOps tools, it streamlines the CI/CD process, enhancing software delivery and quality assurance.

Heart Disease Classifier

🔗 https://github.com/rooneyrulz/heart-disease-binary-classifier

Heart Disease Classifier is a Python project leveraging Scikit-learn to develop and evaluate a binary classifier for predicting heart disease. It covers comprehensive data preprocessing, cleaning, exploratory data analysis, and utilizes Logistic Regression and K-Nearest Neighbors for binary classification. Hyperparameter tuning, cross-validation, and grid search ensure model robustness.

PROJECTS

AI Predicts Facebook Stock

🔗 https://github.com/rooneyrulz/facebook_stock_prediction

AI Predicts Facebook Stock is a project dedicated to forecasting Facebook's stock market price. Leveraging a Recurrent Neural Network with LSTM, the model employs advanced techniques to analyze historical data for precise predictions. This endeavor combines artificial intelligence, deep learning, and financial analysis, aiming to enhance stock market forecasting.

Cat-Dog Classifier

🔗 https://github.com/rooneyrulz/cat-dog-classifier

Cat-Dog classifier is a project focusing on a Convolutional Neural Network for accurately classifying custom cat vs dog image data. This comprehensive endeavor includes visualizations, data preprocessing, future predictions, model evaluation, and addressing overfitting. Technologies utilized encompass Python, TensorFlow, Keras, image processing, and various visualization tools, contributing to a robust and effective classifier.

CERTIFICATION

Stanford Online, Machine Learning
Stanford Online

SQL for Data Science
University of California, Davis

Advanced Design Patterns and Design Principles
LinkedIn

Data Analysis with Python
freeCodeCamp

Complete Python Bootcamp
Udemy

Neural Networks and Deep Learning
Deeplearning.AI

React, Using TypeScript
LinkedIn

Introduction to Data Analytics
Simplilearn

Natural Language Processing in TensorFlow
Deeplearning.AI

Docker & Kubernetes: The Practical Guide
Udemy

Supervised Machine Learning: Regression and Classification
Stanford Online

LANGUAGES

Tamil
Native
●●●●●

English
Proficient
●●●●○

Sinhala
Proficient
●●●●○

FIND ME ONLINE

🌐 **Website**
ruzny.tech

in **LinkedIn**
ruzny-ahamed-8a8903176

🐦 **Twitter**
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GitHub
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