Arjun Ramesh

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EDUCATION

Sri Ramachandra Faculty of Engineering and Technology, SRIHER Chennai, India
B.Tech in Computer Science (Artificial Intelligence and Machine Learning) - CGPA : 9.11 / 10.0 *2020 – 2024*
Roles: Teaching Assistant in Coder's Cafe Club and Member of Entrepreneurship Cell

The Hindu Colony Chellammal Vidyalaya Senior Secondary School Chennai, India
Higher Secondary Certificate - CBSE - Secured : 92.4% *2019 – 2020*

EXPERIENCE

Android App Developer Jan 2022 – Apr 2022
Qurinom Solutions *Remote*
- Created a pilgrimage tourism app with Flutter, Firebase, and Django, offering cross-platform travel planning and services.
- Led a 5-member UI/UX team, crafted detailed documentation for each screen, and successfully met 100% of deadlines ahead of schedule in fast-paced development cycles.
- Managed data through RESTful APIs, achieving a 80% performance boost over a 2-month period.

Front-End Developer Mar 2021 – Jun 2021
Krash IT Services *Remote*
- Collaborated with a 6-member team to develop and enhance the e-Learning website "Knowledge Setu" using Angular, Firebase, JavaScript, and Node.js, resulting in a dynamic and feature-rich platform.
- Developed applications within a 2-month timeframe, including a robust admin panel featuring authentication for content management and data organization.

Data Analyst Intern Mar 2021 – May 2021
The Sparks Foundation: GRIP *Remote*
- Enhanced data processing efficiency by 15% through the development of code for collecting, processing, and analyzing diverse data sources.
- Achieved a 90% improvement in predictive accuracy by constructing and optimizing machine learning models using Python and scikit-learn
- Streamlined trend analysis, boosting data integration by 25% in an agile environment

PROJECTS

Inventoree | *MongoDB, React, Express, Node.js, RestAPI*
- Developed a Full Stack application with comprehensive CRUD operations, focusing on efficient asset rental management and streamlined shipment processes.

RepCount | *Python, TensorFlow, PyTorch, OpenCV, MediaPipe*
- AI-powered Gym Tracker for real-time workout monitoring and automated repetition counting using Pose Estimation.

ARQe | *Flutter, Firebase, ARCore, NLP*
- Developed an android app featuring an NLP Question Bot, utilizing 2D, 3D, and Text Models for enhanced learning.

Phisher | *Python, Flask, PyTorch, ML Algorithms*
- Developed machine learning models and deep neural networks for predicting phishing websites through benign URL datasets

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, HTML/CSS, Dart, SQL
Frameworks: React, Flutter, Node.js, REST, Flask, Streamlit, PyTorch, TensorFlow
Tools: MongoDB, Firebase, AWS, Git, Tableau, PowerBI

CERTIFICATIONS

Flutter Development BootCamp & **AWS Academy Graduate**