Chrispa Daniel

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PROFILE SUMMARY

Versatile Software Engineer with a proven track record of designing and developing bespoke web and standalone software solutions for diverse organizations. Driven by a passion for crafting innovative, user-friendly applications that effectively tackle intricate challenges. Committed to leveraging technical expertise to drive positive impact, particularly in rural development.

SKILLS

Programming Languages	: C, C++, Vb.net, Asp.net, HTML, CSS, JavaScript, Angular, Python, Java
Development Tools	: Microsoft Visual Studio, Visual Studio Code, Node.js, Git, Jira, Bitbucket, Arduino
Agile Methodologies	: Scrum, Kanban
Database Management	: MSSQL Server, MongoDB, Oracle
Technologies	: Artificial Intelligence, Machine Learning, Deep Learning

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PROFESSIONAL EXPERIENCE

Softalaya   **Apr 2023 - July 2024**
Software Engineer
Experienced Software Developer specialized in designing and building web-based and standalone applications for a diverse range of institutions, including healthcare, education, non-governmental organizations, libraries, and offices. Proficient in Database Management and Web Development, with a strong focus on digitizing organizational processes.

Carelon Global Solutions   **Jun 2021 - Apr 2023**
Associate Software Engineer
Contributed to the development of an internal chatbot, providing employees with access to essential information. Played a key role in optimizing chatbot speed and user interface for enhanced efficiency.

Century Minds Pvt. Ltd   **Nov 2019 - Dec 2019**
Inplant Training on Web Design and Development

Atos Syntel   **Jul 2019 - Aug 2019**
Campus Ambassador
Successfully organized guest lectures at Kalasalingam University, contributing to campus engagement and talent acquisition.

EDUCATION

Master of Technology in Artificial Intelligence   **2024 - 2026**
Amrita Vishwa Vidyapeetham, Kerala

Bachelor of Technology in Information Technology   **2017 - 2021**
Kalasalingam Academy of Research and Education, Tamil Nadu

PROJECT(S)

Credit Card Fraud Detection using Machine Learning   *November 2024*
Detected fraudulent credit card transactions using ML algorithms accurately with minimal false positives and negatives.

Cardiovascular Heart Disease : A ML Comparison   *October 2024*
Designed and developed Machine Learning models to predict cardiovascular heart disease (CHD) risk effectively and accurately.

Accessibility of the Hearing Impaired   *Jan – May 2021*

Developed a novel sign language recognition system using SURF, PCA, and LDA algorithms to facilitate communication between deaf-mute and hearing individuals.

Autonomous Line Following and Object Detection Robot   *Sep 2019*

Designed and implemented a line-following robot using Arduino and IR sensors. Utilized PID control for precise line tracking. Developed obstacle avoidance capabilities using ultrasonic sensors.

Remote Control Robot   *Aug 2019*

Created a remote-controlled robot with RF module and Arduino, incorporating manual and autonomous control modes and a user-friendly interface.

Raise your Hands for Farmers - *Community Service Project*   *Apr - Jun 2020*

A portal where farmers can sell their produce directly to customers by eliminating the middle-men. This project was aimed to bring maximum profit to the farmer.

CERTIFICATION(S)

Tech-Talk: Conventional ECM and cloud based ECM infrastructure - KARE   **May 2020**

Recent Trends in Information Technology - KARE   **May 2020**

VOLUNTEER EXPERIENCE

National Service Scheme at MET Higher Secondary Education, Kerala   **2015 - 2017**

Gained valuable experience in teamwork, leadership, and community engagement through active participation in various NSS projects.