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 that meets user needs.

SKILLS

Programming Languages	: C++, Vb.net, HTML, CSS, JavaScript, Angular, Python
Development Tools	: Node.js, Git, Jira, Bitbucket, Arduino
Agile Methodologies	: Scrum, Kanban
Database Management	: MSSQL Server, MongoDB

PROFESSIONAL EXPERIENCE

Softalaya | Software Engineer **Apr 2023 - July 2024**

- Experienced Software Developer skilled in building web and standalone applications across healthcare, education, NGOs, and office systems.
- Proficient in Web Development and Database Management, with a focus on digitizing and optimizing organizational workflows.

Carelon Global Solutions | Associate Software Engineer **Jun 2021 - Apr 2023**

- Contributed to the development of an internal chatbot to streamline employee access to essential information.
- Improved chatbot performance by approximately 35% through speed optimization and user interface enhancements.

Century Minds Pvt. Ltd **Nov 2019 - Dec 2019**

Inplant Training on Web Design and Development

Atos Syntel | Campus Ambassador **Jul 2019 - Aug 2019**

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

CGPA : 9.21

Bachelor of Technology in Information Technology **2017 - 2021**

Kalasalingam Academy of Research and Education, Tamil Nadu

CGPA : 8.43

PROJECTS

Credit Card Fraud Detection using Machine Learning ***Nov 2024***

- Implemented machine learning models to detect fraudulent credit card transactions.
- Achieved high accuracy with minimal false positives and false negatives.

Cardiovascular Heart Disease : A ML Comparison ***Oct 2024***

- Designed and evaluated multiple ML models for predicting CHD risk.
- Compared model performance to ensure accuracy and reliability in predictions.

Accessibility of the Hearing Impaired ***Jan – May 2021***

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

Autonomous Line Following and Object Detection Robot ***Sep 2019***

- Designed a line-following robot using Arduino, IR sensors, and PID control.
- Integrated ultrasonic sensors for object detection and obstacle avoidance.

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

- Developed a portal for farmers to sell produce directly to consumers.
- Eliminated middlemen to maximize profits for farmers.

ACHIEVEMENTS

- Improved chatbot performance by 35%, reducing response time and enhancing user experience.
- Led the development of a full-stack web app using VB.NET, delivering key features under tight deadlines.
- Collaborated with cross-functional teams to accelerate feature delivery and improve product quality.
- Volunteered in a community project that supported farmers by improving their access to markets.
- Organized and conducted workshops on tech topics for peers and local communities, promoting digital literacy.

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.