Noor Mohammad Yadallee

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Programming Languages : Python, C/C++, R, Bash, Batch, Dart   (Flutter), C# (Unity Vuforia).
Database technologies: MySQL, PostgreSQL, mongoDB, Firebase, Microsoft SQL Server.
Artificial Intelligence : Sci-Kit Learn, TensorFlow, MediaPipe, OpenCV, Natural Language Toolkit(NLTK), Keras.
Business Intelligence : Jupyter/Google CoLab, Tableau
Blockchain: Ethereum, Solidity, web3.js.
IoT/cloud : Raspberry Pi, Arduino, AWS, Microsoft Azure, Amazon Web Services, Inductive Automation.
Deployment: Docker, Kubernetes, Google Kubernetes Engine (GKE), GitHub actions.
Web development : HTML, CSS, Django, Django REST framework, JavaScript, React, Express, PHP, ASP.NET.
Other skills : Firstaid, Microsoft Office, Git, Linux, JIRA, Adobe photoshop, CorelDraw, Figma, LaTeX.
Languages : English (fluent), French (fluent), Mauritian Creole (fluent).

Notable projects

Mauritius Health Chain (MHC) - [Ethereum blockchain, web3.js, Solidity, Flutter/dart]
A decentralized mobile application which leverages blockchain technology to provide a decentralized and secure platform for storing and accessing medical records. MHC ensures that patient data remains tamper-proof, auditable, and protected from unauthorized access while giving patients authority over their data. MHC also allows for users across the medical sector to seamlessly communicate and transfer data.

MHC was the best student proposed project during the 2023 Middlesex University Mauritius Research Symposium.

National Livestock Identification System - [Java, React.js, PostgreSQL]
Lead developer for the implementation of the United Nation's Food and Agriculture Organization's National Animal Identification and Tracking System to National Livestock Identification System in Mauritius. A Java and React.js code base.

Professional Experience

[September 2023 - Present] Associate Software Developer at Naveo
- Integrated an AGILE team and promoted DevOps culture.
- Communicated and worked with internal stakeholders regarding improvements and features.
- Java, React.js, PostgreSQL development.
- Deployment onto IIS server.
- Research and development for IoT devices and their integration in currently deployed systems.
- Automated processes via python and bash scripting.

[February 2021– May 2023] Student Learning Assistant at Middlesex University Mauritius
- Helping students understand key concepts and guiding them through their assignments/course works by hosting talks/events or 1 to 1 consultations.
- Providing insight and feedback for report writing, structuring and referencing.
- Sharing my experience as a student with my juniors and helping them navigate through their university struggles.
- Tutoring students for mathematics.
- Part of the recruitment team for new Student earning Assistants.
- Training new Student Learning Assistants until they are capable and confident and independent.

[June - September 2021] Junior Software Developer at Jabmo
- Integrated an AGILE team and promoted DevOps culture.
- Communicated and worked with internal stakeholders regarding improvements and features.
- Worked on a variety projects involving automation, QA, API development, scripting, interface building and full-stack development .

Volunteer Experience

[April 2023 - Present] Mentor at Code for Mauritius
- Assisted Stanford University alumni during 3 days of conference on topics such as AI, blockchain and cybersecurity in April 2023.
- Setting up of coding clubs within secondary schools with the purpose of organizing coding workshops, events and bootcamps to empower the next generation of coders in Mauritius.

[April - May 2020 & 2021] Teacher Mentor and Section Leader at Code in Place, offered online by Stanford University
- Mentored, guided and supported a group of new Section Leaders.
- Part of a teaching team for Code in Place, offered by Stanford during COVID-19 pandemic, with 10,000 global students and 900 volunteer teachers participating from around the world.
- Prepared and taught a weekly discussion section of 10-12 students to supplement professors' lectures in a 5-week introductory online Python programming course based on material from the first half of Stanford's introductory programming course, CS106A.

Middlesex University Volunteer Experience

[June 2021 - Present] Digital Ambassador at Middlesex University Mauritius
- Representing the university both online and physically.
- Organising and lead physical and virtual events.
- Assisting the Marketing Department with content creation, marketing projects, liaising with prospective students/parents.
- Representing the student body to enhance the student experience.
- Managing the university's social media pages (covering events and engagement posts).

[July 2021 - April 2022] President of LaunchTech society at Middlesex University Mauritius
- Raising the technical level and awareness of all students on campus by hosting events, talks, bootcamps and hackathons.
- Building a community by hosting events such as gaming competitions and movie screenings.

[September 2022] Mentor during the first Middlesex Robot competition
Supported secondary school students during the event by guiding them in order to build their line following robot as well as helping them understand the coding principles required to write their robot's logic.

Education
- Bsc (hons.) Computer Science and Systems Engineering from Middlesex University Mauritius (Class of 2023).
- A–levels (Math, Computer Science and Physics) done at College Saint Esprit.
- Diploma in Web and graphic design (graduated with distinction in 2019 from Wisdom In Tech)
- Microsoft Office course (graduated with distinction in 2015 from Wisdom In Tech)