LARA XAVIER

SOFTWARE DEVELOPER ⚲ CV5 6LG, COVENTRY, UNITED KINGDOM ☎ +44 7442654773

DETAILS

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LINKS

Linkedin

SKILLS

Python ,R

Pandas, FastAI,

Software Architecture Design

Agile Methodologies

Version Control (Git)

Collaborative Development

HTML,CSS,JavaScript,JAVA

Frameworks and Libraries

Unit testing

Responsive web design

FastAPI

C, C++

LANGUAGES

English

Malayalam

Tamil

EMPLOYMENT HISTORY

Software Developer at ifos Technovation, India
July 2018 — July 2021

- Created and delivered 3 client decks and 10 dashboards to communicate project progress and deliverables effectively.
- Built a website interface using HTML, CSS, Angular, and MongoDB technologies, resulting in 50% increase in user engagement.
- Designed and created software solutions with a performance and usability focus for a variety of applications.
- Developed self-contained, reusable, and testable modules and components, reducing development time by 10%.
- Improved project clarity by using UML for system modelling and requirement allocation.
- Achieved strong system functionality by successfully integrating front-end applications with RESTful APIs.

EDUCATION

Master of Data Science, Coventry University, Coventry, United Kingdom
January 2022 — March 2023

Bachelor of Computer Applications, Mount Carmel College, India
July 2015 — March 2018

TECHNICAL SKILLS

Computer architecture

Multi-threading

Embedded systems

Networks and communications

Operating Systems

Cloud Microservice development

Full Stack Development

Development Fundamentals

COURSES

MEAN Stack Web Development, National Council for Technology and Training
January 2021 — March 2021

Introduction to Front End Development, Coursera
February 2023 — April 2023

PROJECTS

To predict the GDP of United Kingdom using Machine Learning from 1965 to 2013 - Coventry University

- Conducted an analysis of the GDP growth of the United Kingdom using 3 machine learning algorithms
- KNN, SVM, and Random Forest models were trained using GDP data from the World Data Bank. Due of the small amount of data, all performed poorly, MSE 14.

1. **Dockerize App with Nginx using Angular 16 - Present**

• Completed advanced Angular 15 & 16 course: Routing, Auth, CRUD, Notifications, User Management, Dockerization.

SOFT SKILLS

- Problem-Solving
- Team Player
- Communication
- Technical Leadership

EXTRA-CURRICULAR ACTIVITIES

- Achieved client recognition and was awarded the Team Champ Certificate
- Served as captain of the college sports team in 2018