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Mohammed Ziyan
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WORK EXPERIENCE

Csquare Technologies

January 2023 – April 2023

Web Developer Trainee

- Designed and developed over 15 web pages optimized to be printed, reducing paper waste by 20%.
- Spearheaded and integrated front-end and back-end functionalities for a Gem and Jewellery website, resulting in enhanced user experience and seamless navigation.
- Implemented new features such as a sorting option for the products page and the customer inquiry page, increasing customer satisfaction by 30% and sales by 15%.
- Customized multiple ERP systems for diverse companies, introducing new features such as inventory management, and reporting, improving operational efficiency by 25% and reducing errors by 10%.

EDUCATION

Solent University

April 2023 – April 2024 (Reading)

BSc (Hons) Software Engineering

Southampton, UK

- Currently pursuing the top-up degree at BCAS Campus.
- Modules: Machine Learning, Data Science, DevOps, Industrial Consulting Project, Dissertation Project.

BCAS City Campus

February 2021 – September 2022

HND in Computing (Software Engineering)

Colombo, LK

- Passed successfully with 13 distinctions.
- Relevant modules: Algorithms and Data Structures, Advanced Programming, Business Intelligence, Computing Research Project
- Cultivated teamwork skills and honed presentation abilities.

Zahira College

July 2018 – November 2020

G.C.E. Advanced Level

Colombo, LK

- Physical Science stream.
- Completed Successfully with 3 S passes.
- Engaged in the Science Society of Zahira College.

Mukarramah International School

January 2005 – December 2017

G.C.E. Ordinary Level

Colombo, LK

- Completed Successfully with 8As and 1B.
- Senior Co-ordinating prefect for over two years.

SKILLS

Programming Languages: Python, PHP, Java, MySQL, JavaScript

Frameworks: Django, Laravel, Flask, Bootstrap, jQuery

Tools: Microsoft Azure, MS Office, Figma, GitHub, Jira, GitLab, Terraform, Power BI, Tableau

Soft Skills: Teamwork, Leadership, Presentation, Communication

PROJECTS

Stock Prediction Application | GitHub: [Link](#)

- A Django app created with a fine tuned Machine Learning Model to predict stock prices. A highly interactive user interface with advanced error handling.
- Achieved an accuracy of 97% with a tuned hybrid model.
- Predicted stock prices for 50 top companies across different regions and sectors.

Calculator App (DevOps Project) | GitHub: [Link](#)

- A Calculator web application that was engineered following best DevOps practices to demonstrate a good understanding of CI/CD pipelines and workflow automation.
- Docker was used to containerize the application.
- Automated unit tests and Azure resources with GitHub actions and Terraform, improving code quality and reliability by 20% and reducing deployment time by 50%.

Heart Disease Prediction System | GitFront: [Link](#)

- Achieved 77% of accuracy when predicting heart diseases with certain health indicators.
- Includes visualizations, preprocessing and advanced analyzation of the data.

ToDoList App | GitHub: [Link](#)

- A ToDoList web app built using Laravel to demonstrate an understanding of basic CRUD operations. Bootstrap was utilized for styling and MySQL for database.

Virtual Examination Center | GitHub: [Link](#)

- Engineered a PHP web application enabling teachers to create and administer tests with a user management system.

Theatre POS system | GitHub: [Link](#)

- A POS system that can be implemented in theatres to issue tickets and manage schedule.
- A pure Java application with a MySQL database.

Agricultural Auction System | GitHub: [Link](#)

- Built the Java application for efficient auctions between farmers and other stakeholders.
- Intricately designed using Figma.

REFERENCES

Tuan Anis Saboordeen
BCAS Campus

Head - School of Computing, Senior Lecturer

- Phone: +94776476798
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Shakir Moulana
BCAS Campus

Top up Coordinator, Lecturer

- Email: shakirm@bcas.lk