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Mohammed Ziyan

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, Dissertion 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, Jiira, GitLab, Terraform, Power BI, Tableau

Soft Skills: Teamwork, Leadership, Presentation, Communication

Domain Knowledge: Machine Learning, Data Science, DevOps, Web Development, Android Development

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.
- Autotmated 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.

Agricultral Auction System | GitHub: Link

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

REFERENCES

Tuan Anis Saboordeen   Head - School of Computing, Senior Lecturer
BCAS Campus

- Phone: +94776476798
- Email: anis@bcas.lk

Shakir Moulana   Top up Coordinator, Lecturer
BCAS Campus

- Email: shakirm@bcas.lk