

Akash Anil Sharma

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PROFESSIONAL SUMMARY

A methodical and results-oriented software engineer and research analyst with a solid dedication to success and a constant eye on producing high-quality solutions. Committed to remaining current in the constant changing I.T. trends, as well as excellent communication and team cooperation skills.

EDUCATION

Postgraduate program in Web Development

Humber College

January 2024-December 2024

Bachelor of Science (Honors) in Computing

University of Greenwich

Graduated July 2021

Featured Technical AI Project

Developed and researched on an Artificial Intelligence (AI) doctor assistant robot prototype using python that supports various modes (Knowledge based AI mode, manual control mode, line follower mode) to deliver light packages (medication, messages etc.) Created a programmed path using actuators and sensors such as the EV3 microcontroller processor, Motor, distance sensor, touch sensor, color sensor and gyroscope, that communicated with audio feedback to patients in Location A (main ward) and back to its controlled parking bay after completion of the task. Published in the local newspaper.

Work Experience

Research assistant – Humber – Toronto, Canada

April 2024 – June 2024

- Developed a bootstrap, JavaScript, oriented website template for “BrickMMO” project for a dynamic Lego brick system.
- Simulated an interactive Lego city using Python including car navigation and elements around the Lego city. (simulating a real city) (Understanding behaviors of current life in a city)
- Simulated a small city with digital Lego blocks created navigation paths for cars and moving elements
- Programmed complex systems like navigation, news broadcasting such as a crash, traffic control, using python and Google Apis and achieving high level of simulation.

Web designer and Technical Lead Divikas Enterprises – Nairobi, Kenya

April 2022 – July 2023

- Transitioned the manual financial statement system to an automated system using Microsoft Excel.
- Designed and developed the front-end using HTML, CSS with Bootstrap, and JavaScript, and the back-end using PHP, following human-computer interaction principles.
- Created digital posters for company products and initiated designs using wireframes for web development.
- Implemented a software development lifecycle using Scrum for marketing initiatives, including the company website.
- Provided project goals, managed realistic client timelines, and reviewed team and personal deliverables weekly.
- Performed user interface testing and adhered to a project management planning and scheduling system to guide website usage and engagement.

Technical courses and project

- Websites systems using HTML, PHP and CSS and a MySQL database:
Guitar tutorial system, school management system, Food ordering system and Vet appointment system.
- Node-JavaScript (NodeJS) bidding website for antique products using Pug, with the use of APIs.
- programmed a music employment management system through C-Sharp and with a MySQL Database and testing.
- Development of a structured school enrollment system through spreadsheets (Microsoft office excel) and testing.

Leadership skills and awards

- Completed Microsoft office specialist Certificates Word, Excel and PowerPoint.
- Dean’s Honor list Winter 2024 semester (Humber College).
- Certificates for achieving Top Grade in 5 Courses (University of Greenwich).
- Completed professional practice and communication courses in IT.
- Professional Cricket player, represented Kenya in under-19 age group category.
- President of the Student Union at University.
- Internal assessor for the presidential award scheme (consists of hiking, teambuilding, camping bronze, silver and gold.
- Participation and excelled in sports in school and university cricket, table tennis, swimming, basketball, Chess.
- Representing cricket - TDF sports club in Toronto, Canada and Simba Union Nairobi, Kenya.