YESHU PURI

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Education

Aston University,	Birmingham, UK
Bachelor of Science in Computer Science	09/2018 - 09/2023
Mehr Chand Polytecnic College	Jalandhar, India
Diploma in Computer Engineering	07/2013 - 07/2016

Skills

Agile Methodology · Apache · bootstrap · CSS · data validation · Eclipse · figma · Git · Haskell · HTML · Java · Javascript · Linux · MySQL · PHP · PhpMyAdmin · Python · Selenium · SQL · Trello · Visual Studio · Web Scraping · Windows · XAMPP

Projects

Fake News Detection Web Application
Aston University
09/2022 - 07/2023

Designed and developed a web application to combat the dissemination of fake news

- Utilized front-end technologies such as HTML, CSS, JavaScript, and jQuery to create an interactive and user-friendly platform.
- Implemented data validation techniques to ensure data integrity and enhance user input security.
- Set up and managed a MySQL database using phpMyAdmin in a XAMPP environment for efficient data storage and retrieval.
- Employed Selenium and Beautiful Soup for web scraping to verify news sources, enhancing content accuracy in the project.
- Designed and integrated user authentication (login/signup) functionality.
- Integrated OpenAthens for secure user access and authentication.
- Employed Agile methodology with tools like Figma and Trello for iterative development and responsive project management.
- Demonstrated strong problem-solving skills and self-reliance throughout project completion.

Computational Intelligence for Daily Demand Prediction
Aston University
09/2022 - 02/2023

Developed a predictive model using computational intelligence techniques to forecast daily demand for a logistics company based on 13 key demands

- Utilized Particle Swarm Optimization (PSO) as a baseline algorithm due to its efficiency and versatility in addressing real-life optimization problems.
- Implemented the Firefly Algorithm as a novel approach, surpassing the baseline PSO due to its adaptability, avoidance of local optima, and efficient global optimization. Leveraged its inherent randomization and attractiveness function for improved problem-solving in diverse optimization scenarios.

Team Project (Game Development)
Aston University
09/2019 - 06/2020

Led a 9-month team project as the Team/Scrum Master, overseeing the development of the "Area 51" 2D strategy game.

- Employed Godot for game development, GitHub for version control, Trello for task tracking, Piskel for sprite creation, and Google Suite for documentation.
- Implemented Agile methodologies, including sprint planning, and facilitated daily stand-up meetings to ensure efficient communication and progress tracking.
- Directed the project with a focus on escaping Area 51 using in-game resources while uncovering the player character's identity.
- Successfully delivered the project on schedule, maintaining high-quality standards through collaborative Agile practices.

Experience

Skyways International
Jalandhar, India
01/2021 - 06/2022

Manager Skyways International

- Demonstrated strong communication skills to ensure efficient collaboration within the team
- Managed clients and staff in the travel and visa application business
- Provided guidance and consultation to clients on visa applications, working closely with legal, finance, and other travel agencies
- Oversaw on-site staff and account executives within the company
- Maintained financial records of client payments and coordinated advertising efforts with creative teams, copywriters, printers, and third-party suppliers to promote our services

Interests, Hobbies & Employment Eligibility

Swimming, Working Out, Travelling

US Permanent Resident- Green Card