Kiruthesh Pugalenthy

Software Developer

Profile

A Computer scientist, well-versed in a wide range of programming languages and technologies, enabling me to adapt to diverse project requirements. Prioritising innovation, collaboration, and problem-solving, my goal is to contribute to a positive and productive team environment.

Experience

LBT, Software Engineer

October 2023 – April 2024

Developing and maintaining software applications to meet objectives and client's needs. This includes troubleshooting and resolving bugs, managing databases, and ensuring efficient data handling. Utilizing various design tools to create user-friendly interfaces and efficient software architecture. Collaborating with colleagues through version control systems, allowing seamless integration.

Nissan, IT Engineer

June 2017 – Jul 2017 (Work experience)

Provided IT support to users and offered remote assistance to users through phone, email, or remote desktop tools. Implemented and enforced security measures to protect IT systems and data from unauthorized access, malware, and other cybersecurity threats.

Projects

Bitcoin Verification – Implementation of correctness conditions in Agda to verify Bitcoin concepts. As well as modelling of bitcoin concepts in depth.

UX – Designed a unique application with the use of specific UX techniques, such as scoping and design methods.

Testing – Created a calculation application and evaluated different testing methods. Followed a structured approach to software testing by utilizing varies software models.

CT Scanner simulation - In Java I modelled a CT scanner which processed images. I created functions which would read the data set and compile the dataset whilst also adjusting contrast in scan accordingly, I used histogram equalization to accomplish this.

References

Available on request

Contact

Kiruthesh07@gmail.com

07877390498
British & French

Education

Swansea University 2019 - 2022
Computer Science (2.1)

Skills

Java, Python, SQL, VB.NET, Haskell, Agda, HTML, CSS, JavaScript and ASP.NET Core MVC

Problem-Solving, Project Management, Quality Assurance, UI, Compliance, Communication and Collaboration

Portfolio

Website
https://kiruportfolio.netlify.app/

Blog
https://medium.com/@kiruanalyst

GitHub
https://github.com/kiruthesh08

LinkedIn
https://www.linkedin.com/in/kiruthesh-pugalenthy-95aa07234/