

Full Stack Developer and UX Designer

Job description:

The project involves cross-platform user-facing application development for existing codes that address large-scale public transit routing and simulation models. (see <https://github.com/transnetlab> for examples) The project is funded by the Ministry of Education (MoE), Scheme for Transformational and Advanced Research in Sciences (STARS) program. The initial appointment will be for one year (with a probation period of 2 months), subsequently extendable based on performance and funding. Salary will be based on educational qualifications and MoE norms.

Eligibility:

A bachelor's or master's degree in computer science or a related field, along with hands-on experience in the professional development and maintenance of software applications.

Key Responsibilities:

- Collaborate with researchers to analyze functional requirements and translate them into technical specifications or software architecture.
- Design and develop responsive cross-platform applications that are high-performing, scalable, and reliable.
- Implement testing frameworks to ensure software quality and reliability.
- Automate manual tasks to streamline software development processes.

Pre-requisites:

- Experience in full-stack development for cross-platform applications using frameworks like Flutter or React and Electron is preferred.
- Hands-on experience with Python or Node.js.
- Strong knowledge of HTML, CSS, JavaScript, and databases (RDBMS or NoSQL).
- Must be comfortable using GitHub.
- Strong design skills, with the ability to create intuitive, user-friendly interfaces and seamless user experiences across platforms. Knowledge of Figma or Adobe XD or Qt is a plus.

How to apply:

Please fill in and share the relevant details mentioned in the form.

<https://forms.gle/ytEM9cdZFziUfjJw9>

Deadline:

The last date to submit applications is 30th November 2024. Interviews will occur as and when suitable applications are received.