Systems Developer – with Python skills

Salary: depending on experience, ranging from £40-50,000
Contract: Permanent
Hours: 37.5 hours per week, flexible working
Location: The UKKA is based in Bristol, but remote working can be supported
We offer generous annual leave and pension, an annual development budget and employee assistance support

The UK Renal Registry (UKRR) is a branch of the UK Kidney Association, a registered charity, whose purpose is to use data to improve the lives of patients with kidney disease. In the pursuit of this we are working at the forefront of healthcare technology. We are highly regarded within the renal community and the wider NHS.

The UK Kidney Association’s Systems Team is central to all the work delivered by the UKRR.

We are looking for a talented, experienced developer to join our systems team, able to apply their skills and learn new ones, to support the development and maintenance of a number of bespoke organisational systems and applications, whilst also making best use of the technologies available to them.

We are involved in many projects including:
- An open-source web application used to run the UK’s largest Rare Disease Registry.
- The UK Renal Data Collaboration (UKRDC), a data warehouse to collect and route clinical data in near real time. This will support future development of analytics and decision support systems.
- Processing and analysing surveys received from patients across the country about the care they receive at their hospital.
- An algorithm to detect and report possible Acute Kidney Injuries from laboratory results.
- Research into the use of graph databases to analyse patient records coded using the SNOMED system.
- Running a patient portal used by over 10,000 patients each month to view their test results.

The person:
- You must be open-minded, with an innovative attitude to delivery, to ensure the most effective and appropriate tools and solutions are used
- We’re looking for a willingness to understand our data and how it is used and validated

We are looking for people who can demonstrate some of these skills and knowledge:
- Python (Django, FastAPI), SQL (PostgreSQL, MS SQL)
- AngularJS, Vue.js or similar web frameworks
- Docker, or similar containerization systems
- Experience developing software and services for Windows and Linux environments
- Experience with Linux servers (RedHat/CentOS/Ubuntu) would be an advantage
- Experience of healthcare technologies, such as Mirth, HL7, FIHR, CDA, would be advantageous

For further information on the role or to apply please email Jennifer.barwell@renalregistry.nhs.uk. Please include in your application your CV and a covering letter outlining your experience and skills highlighting your suitability for this vacancy, against the requirements outlined in the job description.

Closing date extended: Friday 11th March 2022