

**Center for Economic Research in Pakistan (CERP)
Job Announcement**

POSITION: Software Developer

PROJECT: Supporting Benazir Income Support Programme

POSTING DATE: 30 July 2018

START DATE: Immediately

CONTRACT LENGTH: 6 months

LOCATION: Islamabad, Pakistan

CERP is recruiting a Software Developer for the Supporting Benazir Income Support Programme (BISP) Project. This is a full-time position based in Islamabad and will require significant coordination with BISP staff and authorities.

Project Description

BISP is the flagship anti-poverty program of the Government of Pakistan, and one of the largest cash transfer programs in the world. It targets social protection and poverty reduction by delivering unconditional cash transfers, conditional cash transfers, human capital development and income generation programs. The Software Developer will be part of the CERP team providing data analysis and policy support to BISP especially, but not limited to, on the poverty graduation experiment to understand how best to transition beneficiaries off of BISP and into sustainable livelihoods. Specifically, the individual will provide technical assistance for the timely and effective development of applications related to the graduation program and other initiatives with the BISP MIS wing.

The Principle Investigators (PIs) of the project are Dr. Rema Hana (Harvard Kennedy School), Dr. Adnan Khan (LSE, IGC) and Professor Ben Olken (MIT/J-PAL).

Job Description

The Software Developer will be responsible for the design, development and integration of BISP software applications required to support graduation program, and BISP's other day-to-day operations.

- a. Coordination with BISP, CERP project team and the survey firm.
- b. Develop and implement computer application Systems, modules and any software component needed to support BISP programs and projects.
- c. Document all technical details and architecture.
- d. Develop Systems and module graphical interfaces, web modules, database modules, desk based and mobile applications, reports and statistics, and any software components needed to deliver complete and functional requirement by the MIS wing.
- e. Perform all necessary software maintenance, including coding, testing, debugging, upgrading, and modifications of software.
- f. Apply software development methodologies as directed by BISP Information Systems cell to develop, implement and test Systems and software components.

- g. Design, develop and implement Systems and software technical specifications based on business requirements provided by MIS wing.
- h. Develop and maintain Systems and software documentation in order to facilitate maintenance and upgrade activities.
- i. Provide the necessary technical support to all members and work as a team to accomplish the software development.
- j. Contribute technical and professional knowledge and experience to improve BISP IS operations and technical platform.
- k. Develop and provide a weekly project status report describing the status of the above activities and any issues that may emerge, with conclusions and recommendations in regards to the BISP IS software development operation.
- l. Any other technical task required in a team environment for solution delivery.

The work can be challenging, yet very exciting given the scope and possibilities for growth within. CERP's project teams are small, and the amount of work we accomplish is significant. The position is challenging but rewarding – only apply if you are the type of person who takes charge and responsibility, can do good work with little supervision, and are not afraid to learn new things in order to get the job done.

Job Requirements

- a. As a minimum, 16 years of education and a Bachelor's degree in Computer Sciences (4 years) or a related field from an internationally recognized university.
- b. At least 4+ years working experience as Software Developer or Software Engineer on enterprise level projects in organizations preferably CMMI certified.
- c. Extensive Web, Windows Services, Encryption, application development in .Net/VC, C++, Java, Android & WPF application development Framework is required.
- d. Must have written professional code over 0.5 million lines preferably on enterprise level/large application(s).
- e. Proven database programming experience with PL SQL (1+ year), SQL/Optimization, Oracle /SQL Server (large scale systems).
- f. Mobile & GIS development experience will be a plus.
- g. The candidate must have prior experience in taking over and enhancement of legacy code intensive applications.
- h. Knowledge and experience using the ORACLE database platform are desirable.
- i. The candidate should have strong background in systems design and implementation (UML modeling, documentation) including knowledge and experience with Systems lifecycle development methodologies.
- j. Work experience from certified software development & product companies is preferred.

How to apply:

Interested candidates should fill this [online form](#) and send their **cover letter, CV, and university transcripts** to careers@cerp.org.pk with the subject title **“Software Developer- Supporting BISP”**.

Incomplete applications will not be considered, and only shortlisted candidates will be contacted.