

SOFTWARE ARCHITECT SENIOR

The PNC Financial Services Group, Inc. seeks a Software Architect Senior in Pittsburgh, PA with the ability to telecommute with appropriate telecommuting systems for up to three days per week, with a minimum of two days per week in the office. Participate in all aspects of PNC's ACFR Technology MIS Delivery organization activities. Specific duties include: (i) implement services of data warehousing and quantitative modeling ecosystems that support Regulatory reporting and related software development analytics, data management, security requirements and governance; (ii) work with business stakeholders to elicit business goals and quality requirements that act as design drivers; (iii) review and evaluate designs to determine satisfaction of requirements and design drivers and for compliance to standards; (iv) work along a strong design thinking team and be an expert in using technology to advocate for the customer; (v) design a system using Design patterns with Secure, Scalable, Reusable, Maintainable and Quality aspects; (vi) lead development teams through software development life cycle; (vii) maintain and evolve the architectures of existing systems; (viii) establish design and coding standards and best practices; (ix) perform Application Programming Interface (API) development, Application Security, and Performance Analysis and Tuning; and (x) perform governance of development teams to insure implementations are in accordance with high level design and established PNC enterprise standards and best practices.

Bachelor's degree in Computer Science, Computer Engineering, or Computer Information Systems plus 8 years of experience in software architecture design, implementing analytical data warehousing, data lakes, Big Data application development, and software delivery in or for the financial services industry is required. Must have experience with: (i) proposing technical solution designs based on specific technology stacks that support user and functional requirements, use cases and business objectives; (ii) implementing financial models including CECL/CCAR /DFAST and Basel programs; (iii) developing object oriented application framework using Design patterns and developing reusable components; (iv) application development methodologies including waterfall, agile development including SCRUM and Test Driven Development (TDD); (v) DevOps tools to support Continuous Integration (CI) and Continuous Delivery (CD); (vi) mentoring and leading technical teams, performing design and code reviews; (vii) implementing service oriented architecture applications and building highly available distributed application systems using cloud technologies (including HDFS/GPFS); (viii) implementing and supporting Data Virtualization and Scalable Analytical algorithms using Python, Pyspark and UNIX shell scripting; (ix) designing relational/non-relational databases including Oracle, HIVE, NoSQL including Mongo DB and SQL Tuning; and (x) designing ETL/ELT data pipelines to build Data/Delta lakes using tools including Informatica, SQOOP, OOZIE, SPARK, SQL and PL/SQL.

40 hours/week, 8:00 a.m.–5:00 p.m. Interested individuals apply online at www.pnc.com using keyword R161162. PNC provides equal employment opportunity to qualified persons regardless of race, color, sex, religion, national origin, age, sexual orientation, gender identity, disability, veteran status, or other categories protected by law.