

State of South Carolina Applications Developer II

LOCATION	Richland County, SC	JOB TYPE	FTE - Full-Time
JOB NUMBER	160269	AGENCY	Judicial Branch
DIVISION	Information Technology	OPENING DATE	01/16/2024
CLOSING DATE	2/29/2024 4:59 PM Eastern	RESIDENCY REQUIREMENT	No
CLASS CODE:	IT1003	POSITION NUMBER:	61084646 / 61100098
NORMAL WORK SCHEDULE:	Monday - Friday (8:30 - 5:00)	PAY BAND	Unclassified
OPENING DATE	01/16/2024	EEO STATEMENT	Equal Opportunity Employer
AGENCY SPECIFIC APPLICATION PROCEDURES:	Interested persons meeting the required qualifications may submit an application at www.careers.sc.gov . All questions on the application must be completed and should include all work history and education. A resume may be included but will not be accepted or reviewed in lieu of an incomplete application. Supplemental questions are considered a part of your application and must be completed.	VETERAN PREFERENCE STATEMENT	South Carolina is making our Veterans a priority for employment in state agencies and institutions.

Job Responsibilities



SOUTH CAROLINA JUDICIAL BRANCH

The South Carolina Judicial Branch (SCJB), invites applications for Application Developers II.

The Application Developer II contributes to daily development activities of a web/software application development team to meet SCJB's IT service objectives. Implements code for applications that implement business logic, data access, and security requirements. Additionally, maintains documentation and cross-train team members to ensure business continuity and achieve long-term strategic organizational objectives.

ESSENTIAL DUTIES AND RESPONSIBILITIES OF THE POSITION

This job bulletin represents general duties for this position and is not intended to be construed as exclusive or all-inclusive.

Other duties may be required and assigned.

- Contribute to the development, enhancement, and maintenance activities for web-based applications, windows-based applications, and interfaces that utilizes .NET, C#, Entity Framework, HTML, CSS, JavaScript, jQuery, AJAX, XML, XSLT, Docker, Bootstrap, Blazor, Foundation, and OAuth technologies. Maintain legacy .NET Web Form applications as well as design and develop .NET MVC, Windows Services, and Core applications. Develop extensions for SCJB's Content Management System. Develop SOAP and REST APIs as necessary and consumes services from various formats including WCF, REST, SOAP, and other API formats as required. Implements unit testing and interfaces as directed.
- Contribute to the development, enhancement, and maintenance activities for relational tables that support SCJB applications using SQL, SQL Management Studio, and other database technologies as required to create tables, stored procedures, and views as necessary. Implements best practices during the development process. Collaborate with the branch database administrator and database team on complex development topics.
- Contribute to the documentation process with application development team members utilizing documentation tools such as Swagger; summary documentation for objects, properties, functions, methods, etc.; code management documentation including code repository commentary, and tracking progress details for Epics, Features, PBIs, Bugs, Tasks, etc. in TFS or Azure DevOps.
- Serve as a team member that collaborates during team activities based on advanced-level knowledge of the SDLC and business requirements using tools such as SharePoint, OneDrive, MS Teams, Skype for Business, and Email. Actively advances the objective of business continuity by participating in team cross-training activities. Communicates regularly to ensure transparent processes and progress between team members, management, and other application operation department units. Responsible for maintaining PBI, Bug, and Task, etc. documentation through TFS or Azure DevOps. Occasionally, participates in paired programming activities and code reviews.
- Recommend software solutions and contribute to application design utilizing software development best practice design and development principles including Object-Oriented Programming (OOP), Service Oriented Architecture (SOA), and Relational Database design principles. Collaborate with networking and infrastructure teams to design solutions as necessary.?????
- Contribute to developing applications that are secure enough to meet or exceed the security requirements outlined by the OWASP, State of SC, SCJB IT Security Architect, or Senior Leadership including implementing proper data encryption and appropriate fail-safe development techniques.
- Responsible for learning and implementing new server technologies and best practices that make the SCJB application development process more efficient and enhance the quality of services we provide. Responsible for implementing automated testing frameworks and development procedures to ensure their own code quality and enhance application stability.
- Work with vendors to pursue and achieve SCJB goals and the developed solution provides long-term value to SCJB. Responsible for communicating application development concepts, especially related to application security and efficiency, and identify opportunities in strategic discussions with other SCJB departments and business analysts.
- Implements logging and reporting solutions to monitor network applications as directed by Senior Leadership.
- Responsible for completing other duties as assigned including responding to advanced application development user requests.

Minimum and Additional Requirements

MINIMUM QUALIFICATIONS (EDUCATION AND EXPERIENCE)

- A Bachelor's degree in computer science with major course work in system design and development;
- Related experience in developing software and web applications may be substituted for the Bachelor's degree on a year-for-year basis.??
- At least 3 years of programming experience, preferably C#.NET

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND OTHER CHARACTERISTICS

Skills:

- Requires excellent organizational skills; and
- Willingness to learn and work in new technologies as directed.

Ability to:

- Develop applications using the following technologies: Visual Studio, Azure DevOps, Git, .NET, C#, Web Services, JSON, XML, XSLT, HTML, CSS, JavaScript, JQuery, AJAX, REST APIs, MVC, Entity Framework, and Unit Testing;
- Participate in daily activities and responsibilities of an application development team in an AGILE environment;
- Learn and adapt quickly to implement new technologies as required;
- Interpret and implement technical instructions and requests;
- Communicate effectively both verbally and written;
- Work independently and effectively with users and staff members;
- Collaborate and review the work of technical personnel; and

- Establish effective working relationships with those contacted in the course of work.

Preferred Qualifications

DESIRABLE REQUIREMENTS (EDUCATION AND EXPERIENCE)

- Advanced knowledge of the methods and techniques of computer programming and systems analysis;
- Working knowledge of database design and table relationships;
- Ability to analyze, troubleshoot and provide solutions to advanced software problems;
- Strong development skills using .Net, C#, Web Services, JSON, and XML;
- Experience developing applications using Blazor, MVC, Entity Framework, Unit Testing, and REST APIs;
- Experience contributing to processes including AGILE, SCRUM, Unit Testing, Continuous Integration, and Continuous Deployment;
- Working knowledge of client-side web technologies including HTML, XSLT, JavaScript, and CSS. Exposure to IIS and website maintenance; and
- Working knowledge of how SC courts are organized and function is desirable.

Additional Comments

ADDITIONAL COMMENTS

The South Carolina Judicial Branch offers an exceptional benefits package for FTE positions that include:

- Health, Dental, Vision, Long Term Disability, and Life Insurance for Employee, Spouse, and Children;
- State Retirement Plan and Deferred Compensation Programs (Temporary positions have option to enroll);
- 15 days paid annual (vacation) leave per year;
- 15 days paid sick leave per year;
- Option to designate 10 days of earned paid sick leave per year as family sick leave;
- 13 paid state holidays;
- Paid Parental Leave; and
- Workers' Compensation Benefits.

EQUAL OPPORTUNITY EMPLOYER

The South Carolina Judicial Branch is an equal opportunity employer and is committed to providing equal employment opportunities to all applicants and does not discriminate on the basis of race, color, religion, national origin, sex, gender, pregnancy, age, or disability.

Agency

State of South Carolina

Agency

Judicial Branch

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Applications Developer II Supplemental Questionnaire

***QUESTION 1**

What is your highest completed level of education?

- Master's Degree
- Bachelor's Degree

- Associate Degree
- Some College but No Degree
- High School Diploma
- GED
- None of the above

***QUESTION 2**

How did you learn about this position?

- NEOGOV
- LINKEDIN
- FACEBOOK
- TWITTER (X)
- INDEED
- INTERNAL JOB POSTING
- SCJB EMPLOYEE
- COLLEGE/UNIVERSITY
- OTHER

***QUESTION 3**

Indicate the type of primary development languages that you have current experience within a production environment within the past five (5) years.

***QUESTION 4**

Describe your development experience with .NET, C#, Web Services, JSON, and XML.

***QUESTION 5**

Do you have experience with Agile Software Development Methodologies?

* Required Question