
Amogelang Ramela

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Introduction:

I am a full-stack developer who is highly motivated and meticulous. I am passionate about using technology to generate novel solutions. I am confident in my capacity to create and deliver high-quality software applications because of my solid foundation in several programming languages, including Java, C#, and JavaScript, as well as my familiarity with contemporary frameworks and databases. I'm committed to keeping up with business trends and advancing my knowledge to satisfy my client's evolving needs. I'm excited to join your team and provide my technical expertise and enthusiasm for software development.

Technical Skills:

- Programming languages: C#, Java, JavaScript, HTML, CSS, SQL, R.
- Frameworks: .Net, Node.JS, jQuery, Bootstrap, React JS.
- Databases: MySQL, MongoDB.
- Tools: Visual Studio, Netbeans, VS Code, Git.
- Experience using APIs.

Experience:

- ❖ Developed a system for a healthcare policy provider firm using C# and Windows Forms Application (WFA). Duties included:
 - Designing and implementing new features for the system.
 - Debugging and fixing issues in the existing codebase.
 - Collaborating with team members to ensure the timely delivery of project milestones.
- ❖ Created a smart plant watering system using Arduino and a .Net WFA user interface. Accomplishments included:
 - Implementing machine learning algorithms to optimize watering schedules based on plant type and local weather conditions.
 - Developing a user-friendly interface using C# WFA.
 - Testing and debugging the system to ensure accuracy and reliability.
- ❖ Designed a weather app that uses a user's area code to give the expected weather forecast in their area using Java and React JS for the user interface. Contributions included:
 - Implementing API calls to retrieve weather data based on user input.
 - Developing a responsive and visually appealing user interface using React JS.
 - Testing and debugging the app to ensure correct functionality.

Education:

- BSc Computing (Belgium Campus ITiversity)
- Coursework: Data Structures, Computer Architecture, Web Development, Database Systems, Operating Systems, Machine Learning.
- Completed a capstone project, a full-stack Windows Form Application developed using C# .Net Framework and MySQL.