Technology Consultant

As a Technology Consultant, you will help design, develop and integrate solutions using best practice technologies, tools, techniques and products our clients demand today. Projects you could be working on relate to Cloud management services, Internet of Things, Mobile development and testing, and enterprise application development and maintenance.

Role: Front-end App Developer (Web & Mobile)

A front-end developer is responsible for implementing visual elements that users see and interact within a web or mobile application.

**Daily Responsibilities**
- Understand technical feasibility of UI/UX designs and User Stories
- Understand needs of the user and accessibility needs dependent upon regulation
- Build reusable code that scale and maintain code quality
- Understand how to connect to backend services (Usually RESTful APIs)
- Collaborate with team members and stakeholders via the tools available

**Role Benefits**
- Front-end Developer skills are universal
- You don’t end up pigeonholed into a very niche software or skillset
- You are highly sought-after, therefore will have little to no trouble getting staffed
- You make the most impact directly on the users/product

Role: Back-end App Developer (Server)

A B/E Developer is responsible for design, development and maintenance of all server-side programming and database. They should make sure the systems have high performance and scalability.

**Daily Responsibilities**
- Writing code to tasked requirements
- Writing Unit Tests
- Debugging issues
- Participate in daily Scrum meetings (Agile)
- Participate in planning poker (Agile)

**Role Benefits**
You are able to understand how business requirements can be translated to technical implementations. You gain an overall understanding of technical solutions and strategy and directly see how a product of your work will impact consumers/users directly. Starting as a B/E developer is the most ideal pathway to become an Architect or Technical Manager.
Role: DevOps
You are responsible for managing and maintaining the development environment. Making sure that you understand the code in production and being able to debug and respond to system outages in a timely manner.

Daily Responsibilities
- Logging Management
- Continuous Integration (CI) and Continuous Deployment (CD)
- Dev Environment Setup Assistance
- Performance Tool Setup/Assistance
- Dependency Management Assistance
- Writing API Definitions

Role Benefits
You directly impact the proficiency of the dev and testing team. They rely on your ability to set up a stable environment. You understand the pain points of certain tools and processes and have the most say in impacting technical decisions.

While every project is different, some of the most common roles a Technology Consultant at IBM will perform on projects include that of Front and Back-end Developers and DevOps. Learn more about each of these roles:

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