#### Description

**Job Description**

We at Publicis Sapient, enable our clients to Thrive in Next and to create business value through expert strategies, customer-centric experience design, and world class product engineering.The future of business is disruptive; transformative; and becoming digital to the core.In our 20 + years in IT, never have we seen such a dire need for transformation in every major industry, from financial services to automotive, consumer products, retail, energy, and travel.

**Your Impact:**

* You will work in the spirit of agile & a product engineering mindset - delivering the sprint outcomes, iteratively & incrementally, following the agile ceremonies
* You will groom the stories functionally & help define the acceptance criteria (Functional & Non-Functional/NFRs) collaborating actively with stakeholders - locally & in client org., understanding end-to-end customer requirements
* You will actively contribute in technical grooming, brainstorming & whiteboarding design sessions to define & articulate the solution approaches, to identify tasks & estimates, and to document the module/sub-system design with their interfaces & wireframes
* You will have breadth of concepts, tools & technologies to address NFRs like security, performance, reliability, maintainability and understand the need for trade-offs
* You will bring in expertise to optimize and make the relevant design decisions (considering trade-offs) at the module / components level

You will be a polyglot with a PE mindset – Open & Curious, learning & adopting new languages, platforms & toolkits constantly

**Qualifications**

**Your Skills & Experience:**

* You have 3+ years of professional work experience building large-scale, large-volume services & distributed apps., taking them through production and post-production life cycles.
* You use more than one programming language with expertise in at least one; Ex:
  + Memory Management, GC, Templates/Generics, Closures, etc.
  + Multi-Threading, Sync/A-Sync.; Blocking/Non-Blocking execution styles
* You practice Imperative, Functional Programming styles
* You are aware of Cloud Platforms like AWS, GCP, Azure, etc.
* You are a problem solver choosing the relevant data structures, and algorithms considering the tools for Time & Space Complexity
* You apply SOLID, DRY design principles, design patterns & practice Clean Code
* You are an expert at String Manipulation, Data/Time Arithmetic, Collections & Generics
* You practice & guide on handling failures à Error Management & Exception handling
* You build reliable & high-performance apps leveraging Eventing, Streaming, Concurrency, Multi-Threading & Synchronization libraries and frameworks
* You develop web apps using HTML, CSS, Javascript & relevant frameworks (Angular, React, Vue)
* You design and build microservices from the ground up, considering all NFRs & applying DDD, Bounded Contexts
* You use one or more databases (RDBMS or NoSQL) based on the needs
* You deploy to production, troubleshoot problems & provide live support
* You understand the significance of security aspects & compliance to data, code & application security policies; You write secure code to prevent known vulnerabilities; You understand HTTPS/TLS, Symmetric/Asymmetric Cryptography, Certificates
* You use one or more Web Application Frameworks
  + Spring or Spring Boot or Micronaut (Java)
  + Flask or Django (Python)
  + Express or Meteor or Koa (Node)
  + Asp.net MVC, WebApi or Nancy (.Net)
* You use one or more messaging platforms (e.g. JMS/RabbitMQ/Kafka/Tibco/Camel)
* You use Mocks & Stubs & related frameworks (Moq)
* You use logging frameworks like Log4j, NLog, etc.
* You use build tools like MSBuild, Maven, Gradle, Gulp, etc.
* You understand and use containers, virtualization
* You use proactive monitoring & alerting, dashboards
* You use Logging/Monitoring solutions (Splunk, ELK, Grafana)

**Set Yourself Apart With:**

* You understand infra. as code (cattle over pets)
* You understand reactive programming concepts, Actor models & use RX Java / Spring React / Akka / Play, etc.
* You are able to set up a CI/CD pipeline infrastructure & stack from grounds-up
* You are able to articulate the pros, cons of designs & tradeoffs
* You are aware of distributed tracing, debugging, and troubleshooting
* You are aware of side-car, service mesh usage along with microservices
* You are aware of distributed, cloud design patterns & architectural styles
* You are aware of gateways, load-balancers, CDNs, Edge caching
* You are aware of gherkin and cucumber for BDD automation
* You are aware of performance testing tools like JMeter, Gatling
* You are aware of one search solution like ElasticSearch, SOLR, Endeca
* You are aware of one distributed caching solution like Redis, MemCache, etc.
* You are aware of selenium for UI automation
* You are aware of Rules engines like Drools, Easy Rules, etc.

**A Tip from the Hiring Manager:**

Software Development Engineers (SDE-I) are bright, talented, and motivated young minds with strong technical skills, developing software applications and services that make life easier for customers.  
The SDE-I is expected to work with an agile team to develop, test, and maintain digital business applications.  
As an SDE-I you will get an opportunity to work with industry-leading clients and global teams to solve complex business problems and build your skills on the full stack of application development technologies

**Education**:

Bachelor’s/Master’s Degree in Computer Engineering, Computer Science, or a related field

**Additional Information**

* Gender Neutral Policy
* 18 paid holidays throughout the year.
* Generous parental leave and new parent transition program
* Flexible work arrangements
* Employee Assistance Programs to help you in wellness and well being

**Company Description**

Publicis Sapient is a digital transformation partner helping established organizations get to their future, digitally-enabled state, both in the way they work and the way they serve their customers. We help unlock value through a start-up mindset and modern methods, fusing strategy, consulting, and customer experience with agile engineering and problem-solving creativity. United by our core values and our purpose of helping people thrive in the brave pursuit of the next, our 20,000+ people in 53 offices around the world combine experience across technology, data sciences, consulting and customer obsession to accelerate our clients’ businesses through designing the products and services their customers truly value.