



## Software Engineer, Principal Virginia Beach/Norfolk, VA

**Description:** Novonics Corporation is seeking highly motivated individuals to design and develop software within the Naval Aviation Logistics Command/Management Information System (NALCOMIS) project, in Norfolk, VA. The selected candidates will perform the following:

- Work closely with the customer to define software requirements.
- Write complex software code.
- Lead code and design reviews.
- Design and execute software tests.
- Identify and report software problems. Develop software trouble reports. Debug and validate fix.
- Employ industry best practices.
- Lead junior software developers in the software development process.

### Required Qualifications:

Requires a bachelor's degree (in Computer Science, Information Management Systems, Engineering or related field) or equivalent experience, 10 to 12 years of related software development experience. This experience must include:

- Six years of experience in Business IT/C2 Support Systems.
- Three years direct experience with UNIX, SYBASE, Windows and/or LINUX.
- Core Java Skills
  - Java Programming Language (Java 2 5.0 or 6.0 preferred)
  - Object Oriented Design
    - Design Patterns
    - Inversion of Control, Spring experience a plus
    - Universal Modeling Language (UML)
    - Prior experience in non-maintenance development
    - New enterprise business systems preferred, especially SOA and J2EE systems
  - Test Driven Development using JUnit and/or Selenium a plus
- Enterprise Java Development Skills
  - Experience working on Service Oriented Architecture (SOA) systems
  - J2EE, experience on the JBoss platform preferred
    - Web Services Development
      - SOAP or REST services, both preferred
      - Web Services Description Language (WSDL)
      - Service Mediation systems experience a plus
    - Enterprise JavaBean experience (EJB2.x or EJB3)
    - Business Process Management using jBPM. (Service Orchestration)

- Database Programming (SQL) and Object Relational Mapping (ORM) using Hibernate or the Java Persistence API (JPA)
  - Sybase experience a plus
- Event stream processing using Esper a plus
- Enterprise Service Bus (ESB)
- eXtensible Markup Language (XML) and Schemas (XSD)
- XML StyleSheet Language (XSL) and Transformations (XSLT)
- JavaScript Object Notation (JSON) a plus
- Service Discovery using Universal Description Discovery and Integration (UDDI) a plus
- Application Performance Optimization experience a plus
- Experience with the following development tools:
  - Eclipse IDE
  - Java Build Systems (Ant and/or Maven)
  - JUnit/Selenium

Must be able to obtain a DoD Secret security clearance.

**Desired Qualifications:**

The following user interface specialist skills are a big plus:

- Google Web Toolkit (GWT) User Interface Development (GWT v2) a plus
- Web Application Performance optimization experience a plus (Async Splitting, YSlow, etc)
- Java Portlets (Version 2, JSR268 preferred, and Gadget Experience a plus)
- Basic HTML and CSS web page authoring
- Basic Web Graphics understanding (Web Safe Color Schemes, etc...)
- Basic JavaScript (JavaScript Object Notation (JSON)) a plus
- Human Systems Integration (Usability Testing Experience)
- RSS/RDF/Atom Formats

EOE/M/F/D/V/AA