

**Job Title:** Senior Software Engineer  
**Location:** Richmond,VA

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**Primary Job Function:**

Design, development and testing of Acision's software products for the telecommunications sector.

**Key Job Responsibilities:**

- Participate in architecture, design, and lifecycle development of platform components (messaging, presence, telephony) deployed in SIP / IMS networks
- Participate in interoperability testing / verification of platform components deployed in SIP / IMS networks with technology / network providers.
- Preparation of engineering documentation during various phases of the software lifecycle.

**Experience / Education Requirements:**

- 10 years software development / design experience
- Undergraduate / Graduate degree in Computer Science, Computer Engineering, Electrical Engineering

**Technical Experience/Requirements:**

- Ability to read and interpret technical specifications
- Good verbal and written communications skills.
- Proficiency in one or more programming / scripting languages:
  - C/C++
  - Java
  - Perl / Shell
- Proficiency in Database Design / Scaling Architectures
  - SQL
  - LDAP
  - Non-SQL (Column / TableBased, KeyValuePair, etc)
- Proficiency in a Unix or Linux environment.
- Experience with source control systems.
- Experience with one or more debuggers.
- Experience with threaded programming
- Familiarity with any of the following protocols: SIP, RTP, MSRP, SMPP, SMTP, IMAP, SOAP, LDAP, DIAMETER, XCAP
- IMS Architectures, 3GPP, OMA, CPM, RCS

**Other Required Competencies:**

- Self Motivated – Motivated to achieve because of one's own enthusiasm or interest, without needing pressure from others.
- Critical Thinking - Asks questions that go beyond the obvious. Can apply previous learning to new situations. Considers both short-term and long-term implications of recommendations. Can make sound recommendations and decisions that are based on thorough analysis of issues.
- Attention to detail - Assumes responsibility for a problem and follows it through completely to resolution including documenting all communications and work done.
- Team Player - Includes partnering, teamwork, building alliances, establishing and maintaining key relationships.

**Work Environment:**

- Fast-paced and demanding environment
- Typically does not require travel

Interested students should email their resumes directly to [Maritza.Chavarria@acision.com](mailto:Maritza.Chavarria@acision.com)