

## Cloud Solution Engineer Focusing on Architecture

At PDF Solutions, we're transforming the semiconductor and electronics manufacturing industry with our platforms that improves yield and lowers manufacturing costs at some of the largest chip makers in the world. PDF Solutions is the global leader of commercial semiconductor big data analytics solutions and is seeking an experienced, highly motivated Cloud Engineer to join our Cloud Development team. This growing team is responsible for designing, deploying and maintaining our public cloud-based Exensio® Big Data and Analytics Software.

The Cloud Engineer is responsible for using innovative approaches and public cloud infrastructure to enhance and adapt the design and architecture of the Big Data Analytics software to the SaaS platform. The Engineer directly contributes to the implementation of the core cloud services and deploys automation and provides continuous maintenance and upgrades of PDF Solutions' SaaS platform.

**Location:** Positions available in Vancouver, Canada, Jerusalem/Ramallah or Hsinchu, Taiwan

### Education

- B.S. or higher in Computer Science or Electrical and Computer Engineering

### Responsibilities:

- Participate in building **customer** environment and experience using public Cloud infrastructure
- Architect and deploy networking solutions in a single and multi-tenant cloud environment
- Configuration and implementation of the network firewalls and security lists.
- Proactively ensure the highest levels of systems and infrastructure availability;
- Participate in the continuous efforts to improve the design and architecture of our Cloud offering
- Participate in the design and the implementation of Cloud Site support and maintenance system.
- Maintain security, backup, and redundancy strategies.
- Setup and maintain various services and support tools, primarily on AWS, but also other public cloud providers;
- Work closely with the Exensio Application and Database teams to profile systems, resolve issues and improve end-customer experience on the cloud

### Strongly Desired Skills and Experience:

- 5+ years of experience with network and security planning, design, and implementation, including firewall setup and configuration.
- 2+ years of experience as a cloud engineer/administrator with a primary responsibility of AWS;
- Demonstrated ability to generate and maintain technical documentation;
- Prior exposure to some programming language: Python, Perl, Java;
- Solid knowledge of Shell Scripting and command line management;
- Experience with Network topologies, VPCs, Security Groups & ACLs
- Experience with automation and managing infrastructure as code : terraform / chef / puppet
- Experience configuring systems monitoring, alerts thresholds
- Experience in supporting commercial software applications or providing end-user technical support
- Strong communication skills and the ability to work across engineering teams
- Comfortable with fast-paced, iterative, agile design cycles
- Strong troubleshooting skills

**Recommended Skills and Experience:**

- AWS certificates
- Citrix experience
- Network certificates
- Palo Alto Network Firewalls

Submit resumes to [joblogic@pdf.com](mailto:joblogic@pdf.com) Subject Header: **Cloud Solutions Eng-Architect**