

## Software Engineer, Network Systems

[Apply Now](#)

Company: Arista Networks

Location: Vancouver

Category: computer-and-mathematical

### Job Description

Arista Networks is looking for world-class Network Systems software engineers.

Network systems software is all about managing hardware components on switches and routers. As a Network Systems engineer, you will collaborate with hardware engineers to design and build novel features that help Arista hardware run effectively and efficiently.

You will write software that controls everything from temperature sensors, fan controllers, power controllers, storage devices to FPGAs, NICs and PCIE switches. You will design abstractions that allow this software to be easily packaged and integrated into hardware drivers that manage all our hardware. You will also get to work closely with our hardware engineers throughout the lifecycle of our products - ranging from influencing hardware designs for ease of software control, to bringing up brand new hardware and taking it through the development cycle to market.

Arista Software Engineering roles demand a strong and broad software engineering background. While the primary focus area for this role is Network Systems software, the role will cover all aspects of software development spanning the addition of new features, debugging problems and fine tuning code for scalability and performance. You will own your projects from definition to deployment and customer interactions, and you will be responsible for the quality of everything you deliver.

Arista Software Engineering prides itself on a supportive and growth oriented culture. Over time, as your interests change, coupled with evolving business needs you will have the

opportunity to switch from packet forwarding to other areas, if you like.

### **Responsibilities**

Develop and maintain features using C, C++ and Python, review and contribute to functional and design specifications. Build automated tests and test infrastructure to test the features.

Work with hardware and manufacturing teams to bring new hardware to market.

Collaborate with hardware engineers to design optimal software control interfaces for managing hardware components.

Work with Customer Support Engineers and customers to analyze, mitigate and fix problems in customer networks.

Work with the System Test Engineers to analyze problems found in their tests and provide fixes for those problems.

### **Qualifications**

BSc, MS or in Computer Science/Electrical Engineering/Computer Engineering with 2+ years of related post graduate work experience

Knowledge of C or C++ and Python.

Knowledge of UNIX or Linux

Understanding of IP networking and/or distributed systems is a plus

Experience working with low level hardware components is a plus

Applied understanding of software engineering principles

Strong problem solving and software troubleshooting skills

Ability to design a solution and implement features independently.

Ability to work in small teams.

### **Additional Information**

The new hire base pay for this role has a pay range of \$95,000 to \$145,000. Arista offers different pay ranges based on work location, so that we can offer consistent and competitive

pay appropriate to the market. The actual base pay offered will be based on a wide range of factors, including skills, qualifications, relevant experience, and work location.

The pay range provided reflects base pay only and in addition certain roles may also be eligible for discretionary Arista bonuses and equity. Employees in Sales roles are eligible to participate in Arista's Sales Incentive Plan, which pays commissions calculated as a percentage of eligible sales. Employees are also entitled to benefits including medical, dental, vision, wellbeing, income protection and a Group Retirement Savings Plan. The recruiting team can share more details during the hiring process specific to the role and location.

All your information will be kept confidential according to EEO guidelines.

[Apply Now](#)

#### Cross References and Citations:

1. [Software Engineer, Network Systems Munichjobs Jobs Vancouver Munichjobs ↗](#)
2. [Software Engineer, Network Systems Nightshiftjobs Jobs Vancouver Nightshiftjobs ↗](#)
3. [Software Engineer, Network Systems Sciencejobsnearme Jobs Vancouver Sciencejobsnearme ↗](#)
4. [Software Engineer, Network Systems Advertisingjobs Jobs Vancouver Advertisingjobs](#)
5. [Software Engineer, Network Systems Automobilejobs Jobs Vancouver Automobilejobs](#)
6. [Software Engineer, Network Systems Omanjobs Jobs Vancouver Omanjobs ↗](#)
7. [Software Engineer, Network Systems Londonjobscareer Jobs Vancouver Londonjobscareer ↗](#)
8. [Software Engineer, Network Systems Delhijobs Jobs Vancouver Delhijobs ↗](#)
9. [Software Engineer, Network Systems Istanbuljobs Jobs Vancouver Istanbuljobs ↗](#)
10. [Software Engineer, Network SystemsHelsinkijobs Jobs Vancouver Helsinkijobs ↗](#)
11. [Software Engineer, Network SystemsTourismjobsJobs Vancouver Tourismjobs↗](#)
12. [Software Engineer, Network SystemsJobspro Jobs Vancouver Jobspro ↗](#)
13. [Software Engineer, Network SystemsJobsinaustraliaJobs Vancouver Jobsinaustralia↗](#)
14. [Software Engineer, Network SystemsThecareerjobs Jobs Vancouver Thecareerjobs ↗](#)
15. [Software Engineer, Network SystemsTextilejobsJobs Vancouver Textilejobs↗](#)

16. **Software Engineer, Network Systems**Europajobscentral Jobs Vancouver  
Europajobscentral ↗
17. **Software Engineer, Network Systems**Astronomyjobs Jobs Vancouver Astronomyjobs
18. **Software Engineer, Network Systems**Europajobscentral Jobs Vancouver  
Europajobscentral ↗
19. **Software engineer, network systems** Jobs Vancouver ↗
20. **AMP Version of Software engineer, network systems** ↗
21. **Software engineer, network systems** Vancouver Jobs ↗
22. **Software engineer, network systems** Jobs Vancouver ↗
23. **Software engineer, network systems** Job Search ↗
24. **Software engineer, network systems** Search ↗
25. **Software engineer, network systems** Find Jobs ↗

Source:<https://ca.expertini.com/jobs/job/software-engineer-network-systems-vancouver-arista-networks-0cbb54f448/>

Generated on: 2024-04-29 by Expertini.Com