

# Software Dev Engineer - Software and Networking Developer (SDN)

Job ID: 2855718 | Amazon.com Services LLC

## DESCRIPTION

Amazon Elastic Compute Cloud (Amazon EC2) is a leading innovator in cloud computing, providing scalable and reliable solutions to businesses worldwide. Amazon EC2 provides features like Amazon Elastic Block Store (Amazon EBS) volumes, virtual private clouds (VPCs), security groups, elastic IP addresses, and Amazon Machine Images (AMIs). Our cloud infrastructure platform empowers organizations to build, deploy, and manage applications with unparalleled flexibility and efficiency.

We are growing fast, and are looking for programmers who can deliver ultra-high-performance code - our goal is to be processing many millions of packets per second on embedded CPU cores. This requires both being able to implement highly optimized data structures, but also low-level tuning to our hardware. If you have good experience in C / C++, and a passion for systems software engineering such as kernel or embedded development, then this is a unique opportunity to join us.

Key job responsibilities

- Innovating and delivering creative SW Designs to develop new services, solve operational problems, drive improvements in developer velocity, or positively impact operational safety
- Writing requirements capturing documents, design documents, integration test plans, and deployment plans
- Communicating status and progress of deliverables to schedule, and sharing learnings/ innovations with your team and stakeholders

## BASIC QUALIFICATIONS

- Currently enrolled in, or completed a Bachelor's degree program or higher in Computer Science, Computer Engineering, Electrical Engineering or related fields.
- To qualify, applicants should have earned a Bachelor's or higher degree between May 2023 - Fall 2025 and/or graduated within the last 24 months.
- Programming experience in internship or coursework in C or C++.

Candidates with coursework and/or experience in at least two of the following areas:

- Networking fundamentals
- Virtualization
- Linux Operating Systems
- Distributed Systems/System Development
- Knowledge of TCP/IP

## PREFERRED QUALIFICATIONS

- Experience with distributed, multi-tiered systems, algorithms, and relational databases.
- Candidates with strong interests and academic qualifications/research focus in the following areas: system programming with C; Linux Systems Internals and computer architecture; Network Programming; and/or Packet Processing.

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Our compensation reflects the cost of labor across several US geographic markets. The base pay for this position ranges from \$99,500/year in our lowest geographic market up to \$200,000/year in our highest geographic market. Pay is based on a number of factors including market location and may vary depending on job-related knowledge, skills, and experience. Amazon is a total compensation company. Dependent on the position offered, equity, sign-on payments, and other forms of compensation may be provided as part of a total compensation package, in addition to a full range of medical, financial, and/or other benefits. For more information, please visit <https://www.aboutamazon.com/workplace/employee-benefits>. This position will remain posted until filled. Applicants should apply via our internal or external career site.

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