



# Software Engineering



## **What is a software engineer ?**

A software engineer is a person who applies the principles of software engineering to design, develop, maintain, test, and evaluate computer software.

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**Day 2 Day work**



# Skills

- Basic coding
- Writing skills
- Some domain knowledge
- Problem solving

# Problem Solving

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# Career path

University - Job - University - Job

- Generalist (SWE, SE, Developer, SDE, .....
- Management (Product, SDE Manager,...)
- Research
- Quality assurance
- DevOps (SRE, Production Engineer, ..)
- Networking
- Data Science
- Cyber Security
- Solution Architect
- Applications (Back-End, Front-End, ...)



# How to get a job in three steps ?

- Apply
- Interview
- Do well in the interview