



Become a DevOps professional with the UT Dallas DevOps Bootcamp

Study development operations part-time with the University of Texas at Dallas DevOps Bootcamp, powered by Fullstack Academy.

- ◆ Add in-demand DevOps engineering skills to your resume
- ◆ Graduate with a portfolio of projects to show employers
- ◆ Get job search support to help you get hired

Explore the curriculum and see what you could learn with us.

Foundations

Linux	Networking	AWS	Python	DevOps
<ul style="list-style-type: none"> ◆ Introduction to Linux Systems Architecture ◆ Core System Commands ◆ Systems Administration ◆ Shell Scripting Basics ◆ Distributions and Building from Source ◆ Security Hardening 	<ul style="list-style-type: none"> ◆ Device and OSI Concepts ◆ Routing and Switching ◆ Ports and Protocols ◆ Enterprise Firewalls ◆ Proxies and Payload Inspection ◆ Troubleshooting Connectivity Issues 	<ul style="list-style-type: none"> ◆ Cloud Models and Shared Responsibilities Overview ◆ AWS Well-Architected Framework and Pillars ◆ VPCs: Native and Hybrid Network Connectivity ◆ Identity Access Management and Permissions ◆ Migration Practices and Architectures ◆ AWS Operational Security Best Practices 	<ul style="list-style-type: none"> ◆ Python Overview and Common Use Cases ◆ Use builtin functions and libraries ◆ Data Types and Structures ◆ Standard Data Input and Output ◆ Use Decision Controls ◆ Create Modularity with Functions 	<ul style="list-style-type: none"> ◆ Software Development Lifecycles (SDLC) ◆ Translate and Port Code ◆ Standardizing Data for Producers and Consumers ◆ Source Code Operations ◆ Secure Coding Practices ◆ Secure CI/CD

AWS Skills  academy

Cloud Architecture	Cloud Development	Cloud Operations
<ul style="list-style-type: none"> ◆ Designing for High Availability ◆ Automating your Infrastructure ◆ Designing Web-Scale Media 	<ul style="list-style-type: none"> ◆ Developing Storage Solutions with Amazon S3 ◆ Developing NoSQL Solutions with Amazon Dynamo DB ◆ Caching Information for Scalability 	<ul style="list-style-type: none"> ◆ Tooling and Automations ◆ Computing (Servers) ◆ Monitoring and Security
<h3>Career Prep</h3>		<ul style="list-style-type: none"> ◆ Build a Capstone Project to share with employers ◆ Build a technical resume and craft cover letters ◆ Optimize your LinkedIn profile and network within the industry ◆ Receive personalized 1-1 coaching with interview and negotiation training

Please note that this is a sample curriculum and is subject to change.