



Location: Slough UK

Salary: £17,000 per annum

Job Type: 12-month industrial placement (2019/2020)

Job Description: Infrastructure and Network Engineer

Avco Systems Ltd. are a modern, growing Software Development business based in Slough, UK. We work with some of the largest businesses in the UK, Europe and America to help them develop, support, maintain and host their large software projects.

We have a sharp focus on client satisfaction, rapid feedback and ongoing improvement, and are looking to grow our team with some forward thinking, hardworking people who will help continue to drive the business forward.

What's it like to work with us?

You'll work closely with a great team of fun, but focused, like-minded Software Developers and IT Ops colleagues. Get to grow your skills and experiment with new tools, techniques and technologies on a wide variety of projects.

Why should you join?

We are always looking for the right person to join our fast-growing team of knowledgeable, friendly and forward-thinking individuals, and there's plenty of reasons why you should consider joining us:

- **Excellent job security** - we've been growing for 30 years and have maintained a consistent financial growth year-on-year
- **Room to grow** - all voices are heard, and anyone can expand beyond their job role
- **Stay in shape for free** - with our onsite gym
- **Good location** - ample parking and walking distance to the well-connected Slough train station
- **Games room** - unwind with a game of pool, table tennis, Xbox and more
- **Latest technology** - take the opportunity to stay at the forefront of the IT industry

What skills are we looking for?

You might be ideal for this role if you understand much of the following, have the experience to prove it, and you're up to the challenge of learning the rest:

Essential:

- You should feel comfortable with some basic scripting / software skills, even if that's just being able to read and understand them - e.g. PowerShell, Bash, Python, Perl.
- An understanding of firewalls, DNS, VLAN, VPN. You don't need any experience with these, but you should be able to explain what they are.
- Some first-hand experience using Linux. We'd expect you to be able to navigate on the command line, and complete some simple file operations as well.





- You've installed, configured, and deployed operating systems (Windows & Linux).
- Problem solving is core to the job and something you should be able to demonstrate evidence of.
- Ability to investigate/evaluate new technologies/systems. If you're naturally inquisitive and as nerdy about technology as we are, you'll probably be doing this already!

Desired:

- Understanding of cloud-based infrastructure (e.g. AWS, Azure). A lot of what we do now involves well established cloud technologies as platforms, any knowledge you have here will be a great head start.
- Container orchestration (e.g. Kubernetes). This might be something you've dabbled with in your spare time. If so, we'd love to hear about it.
- Basic database administration - e.g. MySQL, MS-SQL, PostgreSQL. We have quite a varied tech stack and our databases are no different. It would be beneficial to know a bit about how some of these are set up and configured to keep our clients happy and our development team running smoothly.
- Virtualisation management/monitoring - e.g. KVM. Again, any knowledge here will be a great help to you.

Your role and responsibilities:

- Your main responsibility will be to learn and grow your skills. Our priority is helping develop you into a professional Network Engineer that operates to our high standards.
- You'll be supporting, maintaining, and in some cases improving, the IT infrastructure of our data centre. This includes all critical services such as e-mail, DNS, VOIP, switches, internet fibre, as well as our infrastructure at AWS, Azure and other cloud service providers.
- We want you to be involved in helping us design, plan, implement and manage the deployment of new infrastructure components.
- We need you to help locate, diagnose and resolve technical issues as they arise.
- You might have to take care of occasional technical customer enquiries and handle issues through to a conclusion.
- Assist in the deployment, maintenance and support of applications at cloud service providers, our data centre and remotely in our clients' data centres.
- Working in a team, you'll be responsible for managing your own time - but we do expect you to be able to report on your progress and provide updates to the rest of the team.
- We meticulously document all of our changes for a clear, auditable history. Documenting an issue you pick up, any changes you make to fix or diagnose the problem, and the final resolution will be your responsibility.

If you think we're a good fit for you then don't hesitate to get in touch.

We are an equal opportunity employer and value diversity at our company. We do not discriminate on the basis of race, religion, colour, national origin, gender, sexual orientation, age, marital status, veteran status, or disability.

Strictly No Agencies.

