To Whom it May Concern,

Adrien worked for my company, Blueberry Consultants as a placement student in 2020 and then continued to work part-time. He proved himself to be unusually quick at learning and very skilled at networking and system administration. I have a very technical background, having taught myself assembler at 12 years old; I like to drop students in the deep end sometimes because I think being pushed helps people to discover what they are capable of. Adrien took on the challenge and exceeded expectations.

Some of the tasks Adrien worked on for Blueberry include:

- Converting a substantial AWS infrastructure from manual setup to scripted setup using CloudFormation. I mistakenly assumed that creating a scripted setup for an existing AWS infrastructure would be easy – I was wrong. With no previous experience, Adrien figured out how to extract a description of the infrastructure, and then create corresponding CloudFormation scripts. Very impressive work.

- Finding a way to configure our Linux servers to work with Active Directory, including permission management. In his search Adrien came across Samba 4.0/AD and RedHat Identity Management (IdM) plus the Open Source SSSD project. On further investigation, Adrien found that the SSSD project could also be used to connect Linux to MS Active Directory. Adrien tested it for every distribution version we use and then wrote documentation and handled the deployment.

- Setting up a new office network, working with a manager to specify the VLANS, and then configuring second-hand Ruckus switches, wireless controller and access points to implement the structure. This included configuring the 802.1x networking standard with integration with MS Active Directory through NPS (MS Radius) - again Adrien did this with no prior experience of Ruckus technology and only theoretical knowledge of 802.1x.

Adrien has consistently been enthusiastic and positive. He impressed multiple managers with his willingness to take on – and solve – complex problems. He worked extra hours to make sure tasks were completed on many occasions. The only issue we had was that in his desire to explain the technology, he sometimes shared too much detail with less technical team members. I would have no hesitation in employing Adrien for any role involving networking, system administration or DevOps. He is a very skilled engineer, and I am sure he will be working on very interesting projects in the near future. I am happy to provide a personal phone reference to anyone seeking to employ him.

Yours faithfully

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