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| Hello Hiring Manager,  I am Adam Pavey, and I live and breathe technology. It is what I am most passionate about. I was just 6 years old when my family purchased our first PC and connected to the internet. I was instantly obsessed with how much information I had access to, and how much control I had over what happened on the screen. I was browsing websites, joining forums, and finding IRC channels full of others like me; I started to ask questions, and learned from others. As I reached my teens I got into programming and basic electronics, and as I continued to learn and explore, I became very interested in network engineering, cyber security, and reverse engineering software. To this day, I have not stopped researching and learning about all kinds of technology we deploy in our society to innovate and improve our lives. I really enjoy discovering how things work, to understand how to improve them, how to automate them, or how to break them!  Over the years I have been studying and building my experience within the scope of ICT, both inside and outside of my formal ICT roles. I have been focused in particular on Web infrastructure (particularly web app penetration testing), API testing and scripting. I also have been acquiring experience with Linux based systems/servers, setting up and administrating basic networks, both local and VPN, such as my home server with a PFsense firewall (configured with VLANs, Snort IDS and DNS rules with pfBlockerNG) and Proxmox virtualization servers with self-hosted websites and virtual machines (utilizing docker images and postgreSQL databases), and cloud hosted servers using tools such as Microsoft Azure (ASP, CosmosDB, Functions, Application Insights) and Amazon Web Services (EC2, S3, Cloudfront). On the 1st of July 2019, I decided to register my business Roxxum as a means to offer my technical services and participate on platforms like HackerOne, uTest and GitHub. I hope to one day build Roxxum into an industry-leading brand, but my main career focus is gaining solid industry experience through exciting and challenging roles from companies with great software products.  During my time with Euclideon Ltd, I have been responsible for the reliability of Euclideon’s software, through the means of monitoring, measuring, reviewing and testing. I implemented a monitoring system using Azure Monitor and Prometheus, and coded python scripts to allow me to extract and analyze data from the availability API. I configured an alerting system and defined appropriate SLO’s to base the alerts from and documented playbooks for use as incident responses. I have contributed code to the software in the form of Azure functions, created a Service Status webpage, coded unit tests and automated parts of the internal testing framework using Selenium. I have written scripts for the use of API performance testing, and implemented tools such as OWASP’s Zap scanner to the Azure CI/CD pipeline. I have also contributed to security testing efforts and given reports and advice on potential reliability issues and vulnerabilities, and potential solutions for these issues, and work closely with the CTO to work towards implementing a Cyber Security strategy using the Essential Eight framework and NIST Cybersecurity Framework.  Given the opportunity, I can add tremendous value to your customers and help contribute to the overall reliability and security of software products and the systems that run them. I am always interested in hearing about opportunities that offer a structured framework for acquiring the right knowledge and experience to progress into any number of interesting and useful skillsets and job titles, as many parts of the technology stack interest me greatly. I enjoy figuring out technical problems and coming up with solutions to overcome the complexity our modern infrastructure has created.  I would welcome the opportunity to hear from you, and further discuss how I could integrate into your team.  Kind regards,  Adam Pavey | |

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|  |  |  | Goal orientated and results driven. I’m an analytic problem solver committed to efficiency. I enjoy learning new systems and processes, and can adapt across changing environments. I have the ability to work autonomously but also thrive within a team. |
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|  | www.adampavey.com |  |
| Tools & Technologies HTML / CSS / JavaScript  JSON / REST / XML  SQL    Python  C# .Net  Bash / PowerShell certificatesISTQB Certified Tester Foundation Level Australia & NZ Testing Board 2020  Certificate Number: CTFL8781194 Vocational Access Gold Coast Institute of TAFE 2004 ReferencesCarl Francis – Euclideon Ltd Quality Assurance Manager cfrancis@euclideon.com David Apelt – Euclideon Ltd Chief Technology Officer dapelt@euclideon.com Paul Fox – Euclideon Ltd Director of R&D pfox@euclideon.com | |  |
|  | ExperienceEuclideon LtdSite Reliability Engineer / August 2021 – Current Ensuring the reliability of Euclideon’s software products through SRE best practices and implementation of industry standard tools.   * Create and utilize observability tools, including telemetry, to take in a holistic view of system health, and advocate for observability practices within development teams. * Design, test, and run an incident management process, including the preparation of playbooks, to assist in diagnosing and resolving technical issues. * Ensure the presence of an alert system that prioritizes potentially critical information without unnecessary spam. * Work collaboratively across all stages of the software development lifecycle (SDLC) to ensure smooth and reliable release management. * Identify and help implement coding practices with a “testing-first” mindset to improve reliability. * Design, implement, and utilize automation to avoid and eliminate toil in a scalable manner that can be adopted across systems. * Review and optimize development processes in a manner that reduces complexity and increases reliability. * Identify and report on areas for improvement with respect to operational concern.   Quality Assurance Tester / August 2020 – July 2021 Responsible for finding and reporting bugs in Euclideon’s software products and ensuring released software meets user’s requirements.   * Assist in defining processes for the test plan and several phases of testing cycle. * Testing the latest build daily, in line with Test Cases. * Assist in the creation/updating of Release Test Cases. * Work collaboratively with the Development Team and assist with any requested testing. * Log all issues clearly and concisely in the issue tracking software. * Ensure all testing is completed in line with release requirements. * Review test strategies and ensure all the various kinds of testing, such as functional, performance, stress, acceptance etc. are being covered. |
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