

## Cloud Engineer

Emma White, an Australian national born on May 15, 1998, is a proactive Cloud Engineer with two years of experience. I specialize in designing, implementing, and managing scalable and secure cloud solutions. My proficiency extends across major cloud platforms including AWS, Azure, and GCP, and I am adept with infrastructure-as-code tools like Terraform, as well as containerization technologies such as Docker and Kubernetes.

My academic journey includes a Bachelor of Science in Information Technology from the University of Sydney, which I completed in 2020. Further solidifying my expertise, I obtained the AWS Certified Solutions Architect – Associate certification in 2023.

My professional experience commenced as an IT Support Analyst at Tech Solutions AU, where from 2020 to 2022, I provided crucial technical support for various cloud applications. Following this, I transitioned into a Cloud Engineer role at CloudNative Pty Ltd. in 2022, a position I currently hold. In this capacity, I have been instrumental in designing and deploying highly available cloud infrastructure on both AWS and Azure, leveraging tools like Terraform and CloudFormation. I have also successfully implemented serverless architectures using AWS Lambda and Azure Functions, managed containerized applications with Docker and Kubernetes, and configured robust network security and IAM policies. A significant part of my role involves developing and optimizing CI/CD pipelines and diligently monitoring cloud environments to ensure optimal performance and security.

My core technical skills include extensive knowledge of AWS, Azure, and GCP. I am highly proficient in Terraform, Docker, and Kubernetes. I have a strong understanding of CI/CD methodologies, networking principles, and cloud security best practices. My scripting abilities cover Bash and Python, and I am comfortable working with Linux environments.

Beyond my professional life, I have a keen interest in outdoor activities such as hiking and swimming. I also enjoy photography and am actively involved in local tech meetups, where I continuously learn and share knowledge.