Matthieu **Pignolet**

ADMINISTRATEUR RÉSEAUX

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"L'informatique est ma passion, l'innovation est mon moteur, la solution est ma spécialité."

Education

BUT en Réseaux & Télécommunications   *IUT de Saint Pierre*

SPÉCIALITÉ "CYBERSÉCURITÉ"   *2025*

- En alternance au sein de la société locale "Exodata" fournissant de nombreux services tel que l'infogérance, milieu ou j'ai eu l'occasion de travailler

Baccalauréat Général   *Lycée LaSalle Saint-Charles*

SPÉCIALITÉ "MATHÉMATIQUES" ET "NUMÉRIQUE ET SCIENCES INFORMATIQUES"   *2022*

- Obtenu avec mention "Bien"
- Spécialité "Numérique et sciences informatiques" suivie au CNED

Skills

DevOps	AWS, Docker, Kubernetes, Rancher, Vagrant, Packer, Terraform, Jenkins, CircleCI
Back-end	Koa, Express, Django, REST API
Front-end	Hugo, Redux, React, HTML5, LESS, SASS
Programming	Node.js, Python, JAVA, OCaml, LaTeX
Languages	Korean, English, Japanese

Projets personnels

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Expérience

Danggeun Pay Inc. (KarrotPay)   *Seoul, S.Korea*

FOUNDING MEMBER & SITE RELIABILITY ENGINEER & INFRASTRUCTURE TEAM LEAD   *Mar. 2021 - Present*

- Everything that matters.
- Designed and provisioned the entire infrastructure on the AWS cloud to meet security compliance and acquire a business license for financial services in Korea.
- Continuously improved the infrastructure architecture since launching the service. (currently 3.6 million users)
- Established a standardized base for declarative management of infrastructures and service deployments, enabling operational efficiency and consistency. Over 90% of AWS resources were all managed through standardized terraform modules. All add-ons and service workloads on the Kubernetes cluster were managed on a GitOps basis with Kustomize and ArgoCD.
- Saved over 30% of the overall AWS costs by establishing a quarterly purchasing strategiy for RI (Reserved Instance) and SP (Savings Plan) and by introducing Graviton instances.
- Established a core architecture for regulating of outbound DNS traffic in multi-account and multi-VPC environments utilizing AWS Route53 DNS Firewall and FMS. This significantly increased the level of security confidence in the financial sector's segregated environment.
- Introduced Okta employee identity solution in the company, establishing security policies and configuring SSO integration with over 20 enterprise systems including AWS, GitHub, Slack, Google Workspace. Set up a Hub and Spoke architecture, enabling a collaborative account structure with the parent company, Daangn Market.