AGUS SENTOSA HERMAWAN

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EDUCATION

National University of Singapore Singapore
Bachelor of Computing with Honours (Merit) *Aug 2016 - Dec 2019*

· Focused on Programming Language (Design and Implementation) and Parallel Computing
· Full scholarship awarded by ASEAN scholarships

WORK EXPERIENCE

Glints Remote/Singapore
Senior Software Engineer *Dec 2022 - ...*

· Building and leading Glints' new Managed Talent Platform team to facilitate rapid development of the new product
· Mentoring two engineers on learning Rust and helping them transition into back-end/full-stack software engineers
· Developing Glints' Managed Talent Rust code bases, including the API services, workers, and its shared libraries
· Maintaining Glints' Managed Talent CI/CD on GitLab pipeline to ensure development can be done rapidly
· Managed Glints' Managed Talent API and its supporting infrastructure in the company's Kubernetes cluster
· Developing Glints' Job Marketplace shared library and services to improve developer experience and efficiency

Horangi Cyber Security Remote
Software Engineer *Dec 2021 - Nov 2022*

· Developed new feature for the IAM Team Data Pipeline and API
· Optimized the performance of the IAM Team Data Pipeline to enable ingestion of data in the magnitude of gigabytes
· Built the IAM Team CI/CD Process using GitHub actions
· Occasionally ran the team scrum rituals

SIRCLO Greater Jakarta Area, Indonesia
Assistant Engineering Manager *Jan 2021 - Nov 2021*

· Managed three teams: Account, Authentication, and Authorization; Billing; and Integration with one of Indonesia's biggest shopping malls. Each team presents a unique challenge that must be approached differently
· Oversaw company's open API development
· Conducted 1-on-1 with direct reports to ensure optimal performance and maintain it without burning out
· Optimized team workflow and give feedback on both technical and non-technical aspects
· Managed team projects and prioritization together with the Product Owner and Manager
· Established the engineering standard for the company

SIRCLO Greater Jakarta Area, Indonesia
Software Engineer *Jan 2020 - Jan 2021*

· Initialized and develop the company's open API project
· Optimized stock synchronization process with marketplaces that results in faster and more consistent stock in marketplaces
· Developed the company's in-house framework that all teams will use to develop their services to reduce time and boilerplate code to develop new services
· Started and led the Account, Authentication, and Authorization team as engineer and team lead

AWARDS

· 20th of 41st Annual World Finals of the ACM-ICPC
· Runner up of 2016 ACM-ICPC Asia Jakarta Regional Contest
· Second runner-up of the 2015 ACM-ICPC Asia Jakarta Regional Contest
· IOI 2015 Silver Medalist

SKILLS

Programming Languages:
Profesional: Rust, Golang, Python, JavaScript, TypeScript, SQL, Bash; Personal Project: Elm, C++, Java, Haskell, Elixir, Prolog
Tools:
Docker, Docker Compose, Kubernetes, Helm, Ansible, AWS CDK, CI/CD (BuildKite, GitHub actions, GitLab Pipeline)
Languages:
English, Indonesia
Miscellaneous:
Microservices, Library Design, Software Architecture, Parallel Computing, Scrum, Project Management, Team Management, DevOps