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| ZAW WANA CONTACT Email, gmail, mail, logo, social, social media icon - Free download📞 +65 92717760  joe44824@gmail.com  github/joe44824  [joecool.work](https://joecool.work/)  Internet Vector Icons free download in SVG, PNG Format  Skills & Abilities    ReactJS, React Native  Brand Flutter  What Is Spring Boot? Spring Boot  Node.js" Icon - Download for free – Iconduck ExpressJS  Prometheus - Monitoring system & time series database  elastic stack" Icon - Download for free – Iconduck Prometheus  Grafana icon SVG Vector & PNG Free Download | UXWing ELK Stack  Grafana  Zabbix logo - Social media & Logos Icons Zabbix  VMWare  Docker, logo, logos icon - Free download on Iconfinder Kubernetes  Argocd Original PNG Logo — Download Free Transparent Logo Docker  Jenkins Logo, symbol, meaning, history, PNG, brand ArgoCD  Jenkins  terraform" Icon - Download for free – Iconduck Terraform  Git  Linux logo PNG transparent image download, size: 256x256pxAnsible" Icon - Download for free – Iconduck Ansible  Linux  AWS  Education  **Singapore Institute of Technology**   * August 2022 – April 2025 * Bachelor’s degree in computing science with Honors   **Temasek Polytechnic**   * April 2017 – February 2020 * Diploma in Business Process with Systems Engineering |  | Work Experience Devops engineer singtelSeptember 2024 – August 2025  * **Automated infrastructure provisioning** using Terraform and standardized Kubernetes deployments with Helm. * Maintained and enhanced **Jenkins CI/CD pipelines** to **streamline software delivery** and infrastructure automation. * Implemented full-stack monitoring with **Zabbix**for infrastructure, **network**, and application **performance metrics**. * **Troubleshoot** and performance-tuned critical data services including OpenSearch, MySQL, Redis, and MongoDB and Containers. * Developed **Python automation** for security (IoC IP filtering) and operational (system health checks) tasks. * Managed configuration and daily operations for containerized (**Docker**) and virtualized environments using **Ansible**.  software engineer Urban FarmingOct 2022 – Apr 2023**Full-Stack Development for Data Aggregation:** Engineered a full-stack web solution with a **React** frontend and **Node.js/Express.js** backend to create a centralized data aggregation hub for IoT sensors, processing real-time environmental metrics.**Designed Intuitive Data Visualization Dashboard:** Developed a responsive and user-friendly dashboard using **React** and **Tailwind CSS** to visually represent complex sensor data, transforming raw metrics into actionable insights on plant health and environmental conditions.**Enabled Data-Driven Decision Making:** By providing a single source of truth for sensor data, the dashboard empowered the urban farming team to optimize irrigation, lighting, and climate control, leading to improved crop yield and resource efficiency. SIT – Digital Communications and Integrated Media – Design Business Chamber  Singapore software engineer sit universityOct 2023 – May 2024  * **Architected a Scalable Data Management Platform:** Engineered a full-stack web dashboard using **Flutter** for a unified cross-platform UI and **Firebase (Firestore, Auth, Functions)** for a completely serverless backend, reducing DevOps overhead and infrastructure costs. * **Delivered Advanced Business Intelligence Features:** Implemented critical functionalities including dynamic **data visualization charts**, automated **Excel report generation** for stakeholder reviews, and a secure **role-based access control (RBAC)** system, transforming raw data into actionable insights for the entire team. * **Optimized Operational Efficiency:** The dashboard automated manual data aggregation and reporting processes, saving an estimated 10+ person-hours per week and enabling real-time, data-driven decision-making for key business units.   Venture (V03) Overview - Venture Corporation Ltd | I3investor data analyst intern Venture coporationApril 2019 – July 2019  * Developed IoT solutions to digitize and automate data collection in industrial environments. * Analyzed sensor data to identify trends, anomalies, and insights using data mining techniques. * Applied time series analysis to optimize operational efficiency and predictive maintenance. |

