Matthew Budiman

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Technical Skills

Front-end: React / React Native / Redux, React Context, Flutter, ASP.NET, Handlebars.js
Back-end: MySQL / MSSQL, MongoDB, Docker, AWS EC2, Node.js, ExpressJs, Java EE
DevOps: Containers, Kubernetes, Red Hat OpenShift, CI/CD, ansible
Others: Certified Ethical Hacker (ECH), AWS Cloud Practitioner, RedHat Openshift Specialist

Experience

IBM - Cloud Engineer Mar 2021-present, Texas, USA
- Modernized and containerized monolithic applications into microservices on OpenShift Container Platform, increasing reliability and availability
- Provisioning multi-stage infrastructures and services with terraform and ansible
- Implemented automation for containerization of microservices upon successful validations

Accenture - *Software Engineer Sep 2019-April 2020, Singapore*
- Designed and researched POC technologies utilizing AI to enhance the user interface and experience workflow.
- Implemented and automated daily monitoring resource system tool
- Supported central CRM platform. Responsible for assessing, prioritizing, and implementing change requests.

Rainbow Aquarium Pte Ltd - *Software Engineer Feb 2017-May 2017, Singapore*
- Revamped and enhanced company presence online, increasing traffic flow and retail opportunities
- Deployed and managed an e-commerce store, which generated immediate revenue

Software Engineering Applications

Grayscale - *MERN retail application to support and handle large quantities of data and traffic*
- Dockerized application to accommodate data scaling and simplify deployment to AWS
- Identified and eliminated performance bottlenecks by load testing with Loader.io and Artillery to achieve over 1400 RPS post deployment.
- Reduced time to interactive to < 1ms by following google lighthouse practices such as pre-defining the images to scale them properly

Merdsave - *Multipurpose mobile app built in flutter that tracks money, contacts, and notes*
- Locally persist data using SqfLite and hive for efficiency and speed
- Integrated firebase auth and storage, allowing user to sync online

SeekerCatcher- *Smart IDS to address the rise in botting scalping*
- AI application using LSTM to detect bots from abnormal behavior and time based models.
- Implemented secure authentication using passportJS
- Centralized database of captured bots, preventing future ticket/price scalping

Education

Hack Reactor, Austin - Advanced Software Engineering Immersive Program   2021

Nanyang Polytechnic, Singapore - Degree in Information Technology   2020