

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, .NET Core, Node.js, ExpressJs, Java EE, SpringBoot
DevOps: Containers, Kubernetes, Red Hat OpenShift, CI/CD, ansible, terraform
Others: Certified Ethical Hacker (ECH), AWS Cloud Practitioner, RedHat Openshift Specialist

Experience

IBM - Cloud Engineer Mar 2021-present, Texas, USA

- Led the modernization of legacy applications, optimizing them for cloud-native architectures, resulting in improved scalability and performance.
- Orchestrated and executed seamless migrations of on-premises applications to cloud platforms (e.g., AWS, Azure, GCP) with minimal downtime and cost savings.
- Leveraged scrum to implement complex MVP/POC in timely sprints. Ranging from AI Chatbots, CICDs, Automations, microservices with IBM products.
- Collaborated with cross-functional teams to assess application dependencies, plan migration strategies, and mitigate potential risks.

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.

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 users 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