Matthew Budiman

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Technical Skills

Front-end: React, React Native, Zustand, Flutter, JSF/JSP, TypeScript
Back-end: MySQL/MSSQL/Postgres, MongoDB, .NET Core, Node.js, fastapi, Java EE, SpringBoot
DevOps: Containers, Kubernetes, Red Hat OpenShift, CI/CD, ansible, terraform
Languages: TypeScript, Java, C#, Python, Golang
Others: Certified Ethical Hacker, AWS Cloud Practitioner, RedHat Openshift Specialist

Experience

IBM - Platform Engineer Jan 2024 - Present, Texas, USA
- Engineered and delivered custom AI application architectures, enabling clients to prototype AI use cases within days instead of weeks.
- Partnered with clients to deliver rapid PoVs and MVPs using IBM solutions, driving a 54% boost in investment opportunities and a 89% growth in solution adoption.
- Spearheaded the rollout of a self-service IDP on Azure using Red Hat Developer Hub, ArgoCD, and ServiceNow integration, streamlining cloud provisioning workflows and cutting environment setup by 40% through automation.

IBM - Technology Engineer Jan 2023 - Dec 2023, Texas, USA
- Leveraged IBM sales plays, technical expertise, and management strategies to unlock client opportunities, contributing to over $10M in ELA deals.
- Designed and implemented a multilingual RAGl AI chat assistant capable of indexing and retrieving over 30M assets (PDFs, images, etc.) from global data silos, leveraging OCR, speech-to-text, and vector embeddings for semantic search, reducing designer asset discovery from months to < 1 week.
- Streamlined and modernized legacy ETL workflows (30K+ jobs) by implementing IBM DataStage with ELK-based monitoring, resulting in improved system observability and a 40% reduction in ETL failure recovery time.

IBM - Cloud Engineer Mar 2021 - Dec 2023, Texas, USA
- Led end-to-end modernization and migration of legacy systems to cloud-native architectures on AWS, Azure, and GCP. Improving scalability, reducing costs, and ensuring minimal downtime
- Delivered complex MVPs and POCs such as AI chatbots, CI/CD pipelines, automation workflows, and microservices. Leveraging IBM solutions within Agile sprints.
- Collaborated with cross-functional teams to assess dependencies, plan migration strategies, and proactively mitigate potential risks.

Accenture - ***Software Engineer Sep 2019 - April 2020, Singapore***
- Designed and developed AI POC tools to improve user interface and workflow experience.
- Automated daily resource monitoring system, reducing manual overhead and improving reporting accuracy.
- Supported and maintained central CRM platform; triaged, prioritized, and implemented change requests.

Software Engineering Applications

SeekerCatcher- *Smart IDS to address the rise in botting scalping*
- Middleware solution using LSTM models to detect bots through behavioral and time-based analysis.
- Integrated secure OAuth-based authentication with Passport.js for seamless user validation
- Built a centralized database of identified bots to prevent recurring scalping across multiple client sites

Education

Nanyang Polytechnic, Singapore - Degree in Information Technology   2020