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EXPERTISE

Programming Language Ruby on Rails, Python, and Javascript
Experience in architecting with Amazon Web Service products, such as EC2, S3, BeansTalk, RDS, Elastic Cache, Glue, Athena etc.
Data Engineering and Analytics in Python, Spark, PrestoDB, Pandas
Git Source Versioning and Continuous Integration based on RSpec, Travis
Software Project Management, SDLC and Scalability

ACHIEVEMENTS

Build Advertising Platform (DSP) from scratch and scale to manage and optimise thousands of ad campaigns automatically and analytics (2012 - 2017)
Graduated from Founder Institute Singapore (2010)
Cofounded Advertising Startup Company that received Grant by MDA Singapore (2009-2011)

WORKING EXPERIENCE

Lead Software/Data Engineer at Mekari - (August 2019 - now)
Mekari is a SaaS company with 500+ employees based in Jakarta. It aspires to be an operating system for SME by providing cloud based HR and Accounting management software.
Job Desc :
- Data integration from multiple Ruby on Rails app, Rest API, databases, sheets etc.
- Design and build data pipeline and centralized data lake for all company's data
- Design and build data analytics dashboard for operations and business metrics
- Handle development livecycle

Tech in use :
Python, Apache Spark, Ruby on Rails, multiple AWS services such as EC2, Glue, Athena, CloudFormation, SagemakerNotebook, ElasticCache, RDS, Fargate etc.

Tech Lead at Quantum Inventions – (Dec 2017 – August 2019)
Quantum Inventions is a Singapore based consulting company with 250+ employees, a subsidiary of Continental AG which provides customized SaaS based platform and vehicle tracking for multinational car rental business and logistic company.
Job Desc :
- Design and build Transport Management Software as a Service.
- Deliver TMS customization project for corporate customers
- Managing team of developers and software development workflow
- Project management, task breakdown and timeline
- Hands on deployment, server management and coding

Tech in use :
Ruby on Rails, Git, Merlin Project (Project management software), hosted on many AWS services such as EC2, RDS, beanstalk, elasticcache, etc.

Lead Software Engineer at Gopher NZ –(Jan 2012 - Nov 2017)
Gopher is a New Zealand based Saas company with around 200+ employees, providing managed online advertising services and online presence for SME.
Job Desc :
- Working with a small team of senior ruby engineers to build a Programmatic Adwords Advertising Platform for SME from concept into an end product. The Adwords Platform is a software used to assist on

digital advertising campaign setup, automate budget distribution according to client budget needs, bidding management, reporting, analytic and campaign optimization programmatically.

- Collecting and analysing report data to keep refining optimisation algorithm to improve bidding, marketing budget and ads quality which delivers more value to customer marketing budget
- Translating product requirements into developer task and code review.
- Managing releases, small and frequent releases using CI to automate both functional and user acceptance testing for continuous delivery of product features and fixes.

Tech in use :

Ruby on Rails, Git, Travis-CI, Rspec, Redmine, Google Adwords API, Google GMB API, Oauth2, Public API access, PostgreSQL, hosted on many AWS services

Technical Cofounder (2009- 2011) at Lotus Partners Singapore Pte Ltd

Lotus Partners Singapore is a Singapore based online advertising startup that we co-founded to help SME advertise multiple online channels in one place.

Job Desc :

- Building a Programmatic Search Engine Advertising product from concept into an end product. The platform functionality is to aggregate multiple search engine advertising networks (Adwords, Yahoo Search Marketing, Bing) via API to simplify online advertising for unsavvy customers.
- Managing workflow and SDLC (Software Development Life Cycle) by using tools such as Version Control Software, Project Management Software.
- Managing a group of web developers to deliver client's web projects as part of company's software consulting business

Tech in use:

PHP, CakePHP, CodeIgniter, Python, Javascript, SVN, MYSQL, multiple AWS services.

Software and Network Engineer (2009) at Acacio Concept Singapore Pte Ltd

Acacio is a Singapore based IT vendor providing wireless network infrastructure to schools and business.

Job Desc :

- Deploy Local Area Network, IP Telephony and IP Surveilance Network
- Maintaining Email Server, DNS server, Web server, Database server, etc.
- Develop PHP based web application

FORMAL EDUCATION

Bachelor of Science Degree
University   : IPB Indonesia
Major   : Instrumentation and Control Physics
GPA   : 3.46 (Scale 4.00)

CURRENT INTEREST

Micro Services, Scalability, Machine Learning, Big Data