



Matt Duke

Software Engineer | Cloud Engineer

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Work Experience:

Deloitte - Software Engineer | Cloud Architect

March 2021- Present

EMist - Lead Software Engineer | AWS Architect

- Leading both internal and external developers
- Designing custom AWS solutions, generating cost reports and relaying info to C-Suite
- Writing Lambda functions in python to analyze firewall logs in real time
- Netsuite Developer, Designing custom features for Finance department
- Designing network architecture for a small campus
- Integrating Watchguard Suite into AWS for greater insight/ analysis to Firewall traffic patterns

EMist - Senior Developer | AWS Architect

May 2020- Present

- Implementing Agile Methodology onto a team of burgeoning developers. -Report immediate matters to the CTO.
- Finding Security Vulnerabilities within ERP system
- Apex/ C# RESTful API development
- Project management to developers on contract.
- Firmware Development in base C
- Lead on Code Reviews

Software Engineer- The Dictionary Project

October 2019 - March 2020

- Managing a team of three developers on Tech Stack, IT Manual(s) & Architecture
- Responsible for Full Software Development Life Cycle (SDLC)
- Systems Administrator in a Hybrid Hardware/ Cloud environment
- Utilizing Python for legacy data extraction and matching key-value pairs
- Migrating ASP.NET & Ruby on Rails/ Django applications to GCP
- Comfortable working in a 24-hour environment

Solutions Architect - IDEA Health & Fitness

April 2019 - October 2019

- Assists in C# development of ASP.NET web apps
- User-interface testing/ Q+A testing
- Reviewed code to validate structures, assess security and verify browser, device and operating system compatibility.

Full Stack Engineer - KnowCap Interactive (startup)

June 2019 - October 2019

- Implementation of RESTful APIs and CRUD applications
- Creating MERN-stack applications for startups

LAMP-Stack Developer - Novelty Media

June 2018- April 2019

- Making proprietary Wordpress Plugins using Wordpress CMS + PHP
- Use of Linux Command Prompt to update MySQL, Apache latest versions.
- Prevention of SQL injections, implementation of MYSQL database security

Freelance Front-End Developer - Self

March 2016 to April 2019

- Expert deployment of PHP LAMP stacks.
- Increased AmegoEV's UX/UI layout which brought a turnover of 700k through Q1 & Q2

Skills:

5+ years of delivering either Front/Back or Full-Stack applications

Testing frameworks: Chai/Mocha for TTD, Data Driven testing for ASP.NET, NUnit, xUnit

Experienced LAMP VPS deployment (Linux Command Line, Apache Server, MySQL, PHP), Open Source Software

HTML/CSS (SASS preprocessor) C++ mastery (3 years), C#/ Vanilla JS, PHP(Programming languages), Ruby on Rails, Ruby, Python, Django

Adept in JQuery/ React (Frameworks)/ Node.JS(Express), Laravel/ MYSQL, MSSQL (Frameworks /Databases)

Certifications:

+AWS Solutions Architect
+MongoDB Certification
Javascript Object Oriented Programming(OOP)

Education:

University of Southern California
December 2018 (GPA ~3.15
Including Community College)
B.S. Computational Neuroscience

