

Michael Purdy

Software Developer. Game Developer. United States Marine.

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EXPERIENCE

Amazon — Software Development Engineer

NOV 2020 - PRESENT

Build the next generation of creative (advertisement) data management, migrating consumers away from non-regionalized service/datastore to a modern, horizontally scalable, regionalized architecture.

Support Image Creative template, which results in ~25 billion impressions a quarter. Design and build solution allowing H1 ad placement of Image Creative on the retail site (www.amazon.com).

Child Inclusion Fund — Co-founder, Developer

OCT 2020 - PRESENT

Co-found charity that focuses on funding the 'non-essential' costs associated with school (think: field trips, book fairs, picture day, musical instrument rentals, etc.) for local, under-privileged families.

Vanguard — Software Developer

JUL 2016 - NOV 2020

Manage 5 junior developers, providing advice on their careers, one-on-one mentoring, and performance reviews.

Build two core user experiences, one for prospects to become Vanguard clients, and another for clients to transfer assets into their Vanguard account, both leveraging Angular and NgRx

Replicate over 500 million rows of relational data (IBM DB2) to a non-relational database (AWS DynamoDB), leveraging Attunity, AWS Kinesis, and AWS Lambda.

Develop, maintain, and support two Spring Boot-based microservices, each handling over 750,000 requests per day.

Sikorsky Aircraft — Fabrication Technician JUN 2013 - JUL 2016

United States Marine Corps — Sergeant MAY 2008 - FEB 2013

EDUCATION

Bucks County Community College Newtown, PA — Computer Science

FALL 2015 - SUMMER 2019 GPA - 3.7

LANGUAGES

Java
Typescript/Javascript
Python
SQL
COBOL

FRAMEWORKS/PRODUCTS

Angular
Spring Boot
NgRx
React
Attunity Replicate
IBM DB2
Git
Pivotal Cloud Foundry
Splunk

AMAZON WEB SERVICES

CDK
CloudFormation
Elastic Container Service
DynamoDB
IAM
Kinesis
KMS
Lambda

SKILLS

Problem solving
Relationship building
Strong attention to detail
Motivated and goal-oriented
Strong work ethic
Teamplayer
Quickly adapts to situations

AWARDS

Vanguard Spot Award
BCCC Dean's List
Honorable Discharge
Humanitarian Service Medal