

# Michael Purdy

Software Developer. Game Developer. United States Marine.

<https://mikepurdy.dev>

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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](http://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

