

# Michael Purdy

Software Developer. United States Marine.

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## EXPERIENCE

### **Amazon** Manhattan, NY—*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, 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.

### **Child Inclusion Fund** — *Co-founder, Developer*

OCT 2020 - PRESENT

Co-found charity that focuses on offsetting costs for local underprivileged families for non-essential academic experiences (field trips, book fairs, picture day, year books, etc.)

### **Vanguard** Malvern, PA—*Software Developer*

JUL 2016 - NOV 2020

Manage 5 junior developers, providing advice on their careers, opportunities for growth, and one-on-one mentoring.

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** Coatesville, PA— *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  
Attunity Replicate  
IBM DB2  
Git  
Pivotal Cloud Foundry  
Splunk

## AMAZON WEB SERVICES

CDK  
CloudFormation  
Elastic Container Service  
DynamoDB  
IAM  
Kinesis  
Lambda

## SKILLS

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

## AWARDS

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