

# Michael Purdy

Software Developer. Game Developer. United States Marine.

<https://mikepurdy.dev>  
MichaelJosephPurdy@gmail.com

## EXPERIENCE

### Amazon — Software Development Engineer

NOV 2020 - PRESENT

Design and build a system that reduces existing onboarding time by 400% by federating execution of business logic to individual teams.

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

Design and build solution allowing H1 ad placement of Image Creative on Amazon's retail site.

Plan, host, and participate in internal game jams.

### 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

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  
Lua  
GDScript

## AMAZON WEB SERVICES

CDK  
CloudFormation  
Elastic Container Service  
Fargate  
DynamoDB  
IAM  
Kinesis  
KMS  
Lambda  
SWF

## RELEASED GAMES

Lights Out (iOS/Android)

## GAME DEVELOPMENT

Pico-8  
Playdate SDK  
Love2D  
Godot  
PyGame