

TJ Maynes

LOCATION Rochester, MN
EMAIL tj@tjmaynes.com

WEBSITE tjmaynes.com
GITHUB github.com/tjmaynes
LINKEDIN [linkedin.com/in/tjmaynes](https://www.linkedin.com/in/tjmaynes)

Professional Experience

Kohl's, Inc

Senior Software Engineer

April 2023 - Current
Remote - US Central

- I designed, developed, and deployed the Kohl's Shared Analytics library including a documentation site to production. As an outcome of this effort, we reduced the cost to managing analytics events across Kohl's webstore teams in their respective codebases.
- I co-organize and coach XP pair programming workshops for Kohls Technology (KT) teams. As an outcome of this effort, I'm enabling KT teams to grow their XP practices and building a community of XP practitioners across Kohls.
- I designed, developed, and deployed a Javascript-based solution to show ad campaigns on the Home screen of the Kohl's iOS and Android applications. As an outcome of this new functionality, the Kohl's Media Network (KMN) team is now able to run ads on the Kohl's iOS and Android applications which produced more ad-revenue for Kohls.

InDebted USA

Software Engineer (L3)

July 2022 - December 2022
Remote - US Central

- Developed an internal web app to integrate manual business processes using React/TypeScript, AWS Amplify, Go, AWS Lambda, and Terraform.
- Enhanced team cohesion by organizing a "User Manual" workshop. Also, conducted interviews for prospective Product Managers.

VMware Tanzu Labs

Senior Software Engineer (P4)

September 2019 - July 2022
New York, NY

- Designed, developed, and delivered web and mobile applications to customers from various industries including Insurance, Finance and eCommerce using Extreme Programming practices such as test-driven development and pair programming.
- Enabled clients and teammates on automation strategies such as incrementally generating READMEs using Makefiles/Bash scripts, setting up iOS CI pipelines with Fastlane, and utilizing Docker for local development.
- Designed a framework for client stakeholders for evaluating team health, new team member onboarding, and incrementally reducing technical debt.

NBCUniversal Media, LLC

Software Engineer II

December 2016 - September 2019
New York, NY

- Lead engineer on a backend service that automated the management and distribution of program metadata across many vendors and partners. We were able to save our business unit millions of dollars by automating this manual, tedious and error-prone task. The service was written in Clojure, deployed to AWS ECS with data stored on AWS RDS and Elasticsearch.
- Lead engineer on a web application that showed Spanish and English 2017 World Cup viewers how to authenticate with their MVPD provider to watch World Cup games on Telemundo. At peak, this resulted in millions of informed viewers. The web app used server-side rendered (SSR) React and was deployed to AWS ECS and AWS S3.
- Developed a backend-for-frontend (BFF) service for the MSNBC, Syfy, Telemundo, USA iOS applications which resulted in increasing feature development speed, shortened release cycles, and a simpler iOS networking architecture. The service was written in Elixir, deployed to AWS ECS with data stored on AWS RDS.

Rejuvenan Global Health, Inc

Software Engineer

May 2015 - December 2016

New York, NY

- Architected and deployed Juve iOS app for Rejuvenan, along with contributions to web and backend services. Setup a CI/CD pipeline using TravisCI and Fastlane for automated unit tests and new build artifacts from our GitHub repository.
- Developed full stack features in Ruby on Rails, including creating robust unit and integration tests. Resolved issues and wrote unit tests for legacy Java/Spring services.

Spatial Networks Inc.

Internship/Part-Time

February 2013 - August 2013

Clearwater, FL

- Assisted in the development of a geographical data collection web application using Ruby on Rails.
- Developed an Admin dashboard prototype in CoffeeScript and D3js.
- Successfully resolved user interface and user experience issues.

Skills

Languages TypeScript, JavaScript, Bash

Technologies React, Nextjs, HTML5/CSS3, Jest, React Testing Library (RTL), Cypress, Nodejs, SQL, Docker, Kubernetes, Terraform, Wiremock, Git, GNU Make

Practices Extreme Programming (XP), Agile software development, Test-Driven Development, Pair Programming, Continuous Delivery, DevOps, coaching, leadership, automated testing including unit/integration, end-to-end, performance, and consumer-driven contract testing

Certificates

How to Manage a Remote Team

Coursera Course Certificates

Issued: Sept 2022

WEJN4WNNE2JB

Certified Kubernetes Application Developer (CKAD)

Linux Foundation

Issued: June 2020

CKAD-2000-004958-0100

Education

Bachelor of Science in Computer Science

University of South Florida

August 2013 - May 2015

Tampa, FL

COMPLETED COURSES Analysis of Algorithms, Data Structures, Object-Oriented Programming, Software Testing, Operating Systems, Advanced Discrete Structures, Web Apps Design

Senior Project

Team Leader

August 2014 - May 2015

- I was the team leader on a team of four senior Computer Science students. Our team developed and delivered a video streaming application using C++, OpenCV, and OpenGL. During the two semester project, I contributed code and communicated project updates with stakeholders.

CannyBot

Team Leader

February 2015 - May 2015

- With another student, I programmed the NAO Robot to draw shapes that it *sees* using the Python programming language and OpenCV. Concepts such as edge detection, pixel position interpolation, and forward kinematics were implemented in this project.

Associate in Arts (AA)

St. Petersburg College

August 2011 - August 2012

Tarpon Springs, FL

Production Experience

Sex Ed

Digital Image Technician

July - August 2013

Tampa, FL

- Responsible for the coordination of the internal workings of the digital camera, archive and manage the digital data, create compressed dailies from raw footage and prepare all digital images for post-production.

Wind Walkers

November - December 2013

Grip/Art Department

Tampa, FL

- Responsible for building and maintaining all the equipment that supports cameras. This equipment, which includes tripods, dollies, tracks, jibs, cranes, and static rigs, is constructed of delicate yet heavy duty parts requiring a high level of experience to operate and move.

Chu and Blossom

July - August 2012

Grip/Electric

Tampa, FL

- Responsible for building and maintaining all the equipment that supports cameras. This equipment, which includes tripods, dollies, tracks, jibs, cranes, and static rigs, is constructed of delicate yet heavy duty parts requiring a high level of experience to operate and move.

Edge of the Woods

March 2012

Production Assistant

Columbia, SC

- Set PAs work on the physical set of the production, whether on location or on a sound stage. Duties include echoing (calling out) “rolls“ and “cuts”, locking up (making sure nothing interferes with a take), wrangling talent (actors) and background, facilitating communication between departments, distributing paperwork and radios, and related tasks as mandated by the ADs.

Organizations

Association of Texas Photography Instructors

February 2011 - Present

Volunteer

Arlington, TX

- Worked alongside teachers and members of various high-school journalism organizations to help educate and promote photojournalism. Also, helped organize events and provide assistance where needed.

Southern Interscholastic Press Association

March 2008 - March 2012

Volunteer

Columbia, SC

- Worked alongside teachers and members of various high-school journalism organizations to help educate and promote photojournalism. Also, helped organize events and provide assistance where needed.