

JAMES GASCOIGNE - TAYLOR

# SOFTWARE ENGINEER

I wrote my first invoicing program in qBasic at the age of 13  
It couldn't save and was never used  
but my passion for software engineering grew from there.



JAMESGT

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## ABOUT ME

### OBJECTIVE

To build the most useful software that can deliver value to as many people as possible. Great software should make one's life easier and as technology advances and systems become extremely scalable we can fill gaps in the market that was simply not possible in the past. My aim is to be part of the best teams in the world to contribute to building that level of distributed software.

### WHAT I DO ?

Mainly using Ruby on Rails, I am part of teams that build large scale distributed software as a service. The technology stack differs from project to project. My skill set spans front and back end as well as advanced logging and data analytics using tools such as Elasticsearch. I am not limited to Ruby as I have experience with PHP and Python and have built systems and tools using both these languages. I also like to invent software services from the ground up in my spare time, this helps me hone my skills outside of normal office hours. Some of my other skills outside of working hours is flyer design

- ✔ Frontend

✔ Agile

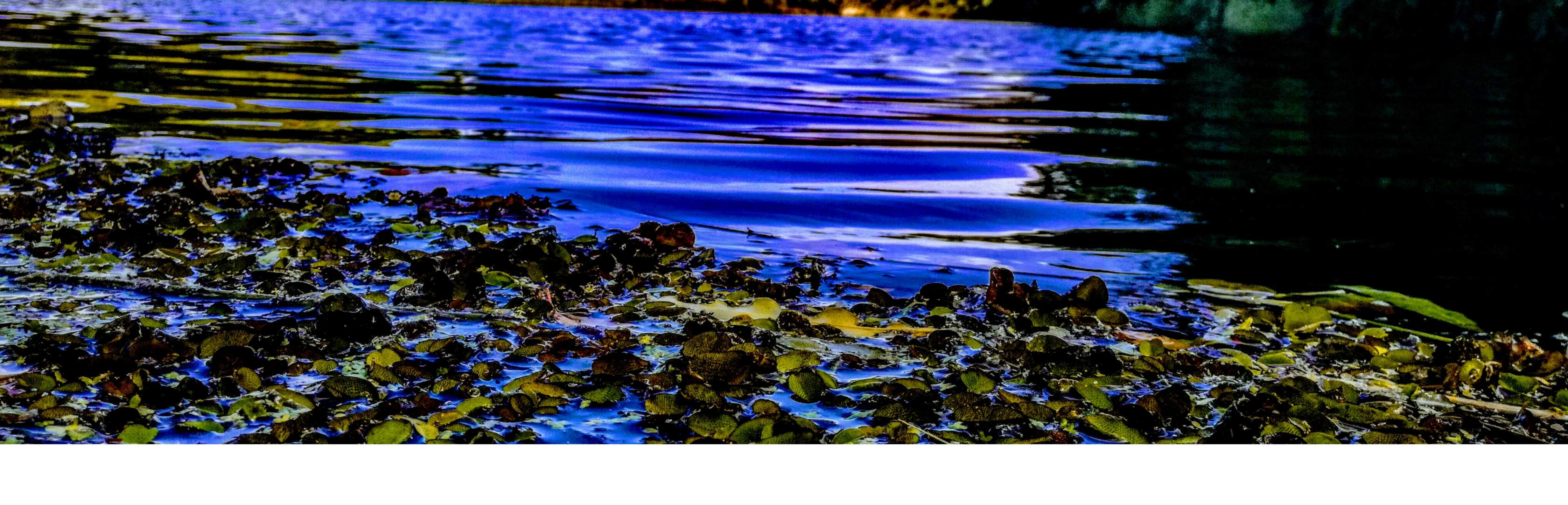
✔ Centralized Logging
- ✔ Backend

✔ Data Wrangling

✔ Abuse Detection and Prevention



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## RESUME

### EXPERIENCE

**SOFTWARE ENGINEER II**  
GoDaddy, Arizona, USA (Remote)

Working on various products within the GoDaddy infrastructure that delivers value for the customers of our customers. I work with various technologies and on different enterprise grade infrastructures that include CI/CD pipelines, Kubernetes clusters, Kafka Streams, NoSQL Databases, document stores, Relational Databases. The primary languages are Ruby and Javascript.

**2018 - present**

**FOUNDER / DEVELOPER**  
Wildsedge, Wilderness, South Africa

Designed and developed a free events portal for the Garden Route area. It's primary function is to hone my developers skills and I practice the entire Agile methodology in the development process. There is currently a major rebranding and focus shift which will see Wildsedge become something bigger and better.

**2014 - present**

**SOFTWARE ENGINEER I**  
GoDaddy, Arizona, USA (Remote)

Working on the Email Marketing product with a focus on email delivery and compliance. My duties included analyzing data from Kibana and then building systems that would help with the detection and prevention of abuse scenarios.

**2016 - 2018**

**DELIVERY AND COMPLIANCE, COMMUNITY THERAPIST (TECHNICAL SUPPORT)**  
GoDaddy, Arizona, USA (Remote)

After Mad Mimi was acquired by GoDaddy, I was doing the same position as before until a promotion to Delivery and Compliance. Delivery and Compliance involves investigating potential abuse by users and maintaining our server's IP reputation. I also created a PHP plugin to communicate with the Frontapp API (shared inbox solution) that eases the workflow of our support team and makes some repetitive tasks quicker.

**2014 - 2016**

**COMMUNITY THERAPIST (TECHNICAL SUPPORT)**  
Mad Mimi LLC, Brooklyn, New York (Remote)

We were a team of people that would handle all email and chat technical and marketing support for the email marketing platform Mad Mimi. I would advise on opt-in, list collection, layouts and generally helping make peoples email marketing efforts more successful. Part of my duties included abuse monitoring and making decisions based on the users history and industry standards as to whether we could continue sending for them.

**2012 - 2014**

**WEB DEVELOPER**  
Rightrain Technologies, Knysna, South Africa

This was much the same as duties as Sourceline however, it was more involved and I would work a lot more on web applications, as well as websites

**2011 - 2012**

**JUNIOR WEB DEVELOPER**  
Sourceline, Cape Town, South Africa

Cutting up PSD files and creating HTML templates for custom websites. I would integrate them into an in-house CMS called Fibre which was built in PHP. There was also some database design which was mostly handled by the CMS but did require some knowledge. Also had the opportunity to work on the front end of a Web application that would allow users to remotely control industrial air conditioning units.

**2008 - 2011**

**TECHNICAL CONSULTANT**  
World of Windows, Cape Town, South Africa

Maintain IT infrastructure, email systems and server administration for Cape Town and Johannesburg offices. Also worked on setting up industry specific software (Window Maker) which was used to estimate costs, inventory and to give production floor specifications.

**2006 - 2008**

**TRAINEE ESTIMATOR**  
World of Windows, Cape Town, South Africa

Cost estimation for window and door in large developments such as shopping centers, business parks and housing

**2005 - 2006**

**TECHNICAL SALES CONSULTANT**  
Mimic Crafts, Cape Town, South Africa

Sales consultant for industrial electrical and electronic components such as Pilot Lights, Factory Mimic's, PLC's

**2003-2005**

### EDUCATION

**CERTIFICATE OF COMPLETION**  
Building Applications with React and Flux, Pluralsight, (on the job training)

Build a frontend application using React Flux

**2018**

**CERTIFICATE OF COMPLETION**  
Getting Started with Kubernetes, Pluralsight, (on the job training)

Configure and setup a Kubernetes environment locally and on Gcloud/AWS and containerize and application

**2018**

**CERTIFICATE OF COMPLETION**  
Docker getting started, Pluralsight, (on the job training)

More detail on Docker and containerization

**2018**

**CERTIFICATE OF COMPLETION**  
Testing Ruby Applications with RSpec, Pluralsight, (on the job training)

How to write specs using RSpec correctly!

**2017**

**CERTIFICATE OF COMPLETION**  
Centralized Logging with the Elastic Stack - getting started, Pluralsight, (on the job training)

How to setup an ELK stack and use centralized logging and Kibana

**2017**

**CERTIFICATE OF COMPLETION**  
Cassandra for Developers, Pluralsight, (on the job training)

How Cassandra works and the basics of denormalizing data in Cassandra

**2017**

**CERTIFICATE OF COMPLETION**  
Docker and Containers - The Big Picture, Pluralsight, (on the job training)

Understanding how Docker works and how to use containers for web applications

**2017**

**CERTIFICATE OF COMPLETION**  
Meet Sinatra, Pluralsight, (on the job training)

Learn the basics of a light weight web application platform

**2017**

**CERTIFICATE OF COMPLETION**  
Applying Real-Time processing using Apache Storm, Pluralsight, (on the job training)

Use Apache Storm and it's multi-lang API to do Machine Learning sentiment analysis on a Twitter stream using Python

**2017**

**CERTIFICATE OF COMPLETION**  
Building and Enterprise Grade Distributed Online, Analytics Platform, Pluralsight, (on the job training)

Building an analytics platform using Cassandra, Elasticsearch, Java and Kafka

**2017**

**CERTIFICATE OF COMPLETION**  
Ruby Fundamentals, Pluralsight, (on the job training)

The basics of the Ruby language

**2017**

**NATIONAL CERTIFICATE**  
N2 Industrial Electronics, Western Province Technical College

I have done 3 of the 4 N3 subjects, however I swapped Radio and Television theory for C Programming

**2002-2003**

## SKILLS

