

Stefan Rokitnicki-Wojcik

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G: github.com/yawhide

SKILLS

- Strive to be continuously challenged
- Team player and enthusiastic while working in groups
- Familiar working in an agile environment
- Easily adapt to new information and efficiently work through feedback
- C++, Express.js, Go, JavaScript, jQuery, Node.js, Python
- AWS, CouchDB, Elasticsearch, MongoDB, PostgreSQL, RabbitMQ, Redis

EXPERIENCE

Software Engineer, Diamond Inc. (<https://diamond.io>)

San Mateo, California — 2015-2017

- Designed and implemented different search queries for both PostgreSQL and CouchDB
- Integrated Dropbox file watching into our rabbitmq worker processes
- Created middleware using Express.js for the front-end application controlling what the user sees in various scenarios
- Implemented file watching in Node.js to ensure users' files are always in sync with the cloud
- Designed and implemented file importing using the cargo design pattern for optimal import speeds
- Implemented pagination in the Node.js backend for both CouchDB and Elasticsearch

Web Developer, Kik Interactive Inc.

Waterloo, Ontario — 2015 kik.com

- Using data from Mixpanel, designed and implemented a model in App Engine used to increase retention for new Kik Points users
- Made the Kik Points Bot production-ready using Node.js by implementing the Kik Points Bot offer completion logic and stabilizing communication to the AI layer
- Developed the App Engine backend for an invite award system used by Kik Points
- Created a cron job which analysed and killed all poorly performing live offers

Web Applications Developer, TextNow

Waterloo, Ontario — 2014

- Updated TextNow.com web calling and increased its stability by implementing WebRTC technologies
- Developed a web portal by converting old php TextNow subdomains and merging them into a single application using Node.js and Express.js framework
- Created a single page web application that allows TextNow users to manage their personal information, leveraging the power of Angular.js and Node.js
- Rewrote the store application to utilize dynamic pricing and text using Node.js and EJS templates as opposed to having static assets and data

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EDUCATION

University of Waterloo

Bachelor of Computer Science, Waterloo, Ontario — 2011-2016

PROJECTS

LoL Personal Counter (website enables League of Legend players to find useful stats)

- Built a website using a Golang, PostgreSQL, and Javascript application stack
- Aggregates stats, such as win percentage, from hundreds of thousands data points stored in a PostgreSQL database
- Gives personalized matchup information

Project Sobeys (website helps users find the best prices on flyer deals at Sobeys grocery stores)

- Built server-side backend, web scraper, AutoHotKey scripts, parsing algorithms and user facing web application
- Languages and frameworks used: Node.js, Backbone.js, Mongodb, JavaScript, HTML5, CSS3, jQuery, AutoHotKey, and Mustache.js.

Survey Hide (website allows users to register and create custom surveys)

- Implemented a password forget feature as well as survey editing, preview and deletion, team creation and survey completion statistics
- Languages and frameworks used: Node.js, Mongodb, JavaScript, HTML5, CSS3, jQuery, Passport.js and Jade

Participant at Hack The North 2014

<http://devpost.com/software/marvin-the-paranoid-android>

- Created a digital personal assistant using Wit.ai and Twilio; a user asks a question through texting or calling which is then answered using Freebase or Wolfram Alpha
- Won Microsoft Api Challenge

VOLUNTEER

Hack The North 2015

- Created the landing page using HTML5, Javascript and CSS3
- Mentored new volunteers with website creation who were unfamiliar with front-end technologies

Please refer to my github for more personal projects such as Hop Potato, Bonified, or Match-3