

MICHAEL HOTWAGNER

Senior Software Engineer

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EXPERIENCE

Senior Software Engineer

Hired Assessments

📅 06/2020 - 07/2024 📍 New York

Hired Assessments is a hiring-adjacent platform for evaluating candidates through custom assessments and real-time coding questions across numerous languages.

- Developed, built, and maintained backend business logic in django + postgres, supporting the feact, vue, and vanillajs frontend apps through apis in graphql and rest
- Maintained and built out the real-time code evaluation api app in flask + docker, and supported the connection to the backend django app through a graphql api
- Maintained and updated support for existing languages in the real-time code evaluation app, and developed and built out support for new languages (Languages I support include javascript, python2, python3, ruby, java, clojure, swift, c++, rust and bash, among others.)
- Designed, built, and deployed into production a replacement for the docker-based real-time code evaluation runners using AWS Lambda
- Maintained all aspects CI deployment pipeline with github + travisci + elasticbeanstalk, and maintained all aspects of deployed AWS infrastructure with ElasticBeanstalk, RDS, and Lambda

Lead Internationalization Engineer

WeWork

📅 03/2018 - 02/2020 📍 New York

WeWork is a global coworking space that utilizes technology to empower teams and businesses to grow together.

- Developed and managed the internationalization infrastructure for a diverse ecosystem of applications across web and mobile, for both internal clients and external end-users
- Worked closely with localization team and engineering stakeholders to build and manage tools for easy and automated integration with the internationalization process and the localization workflow
- Worked with third-party vendors to integrate and support tools to supplement on-site localization
- Designed, built, and deployed an in-house internationalization management system to integrate with platform-agnostic client apps and automate the internationalization process and localization workflow

Full Stack Software Engineer

Voxy

📅 09/2015 - 02/2018 📍 New York

Voxy is a world class English language learning app, driven by real, research-based pedagogy.

- Contributed to multi-tenant, configurable English language learning app deployed in the AWS ecosystem, serving 50k+ active monthly users in both B2B and B2C contexts
- Architected, developed, deployed, and maintained all components of the app, including AWS infrastructure, Python/Django backend and API, Postgres, Mongo, and Redshift stores, data pipeline for reporting and analytics, learner-user clients on web (Vue.js, legacy Backbone) and native iOS and Android, and admin-user clients on web
- Collaborated with product team to plan and timeline feature development, and to deliver those features using agile and TDD methodologies in iterative sprints

SUMMARY

Full stack software engineer with over a decade of experience designing, developing, and implementing functional and elegant solutions to interesting problems. Proven ability to work with clients (or as the client, as it were) from design through development and implementation to efficiently deliver an excellent product.

LANGUAGES

English

Native



Spanish

Intermediate



SKILLS

| Python | Javascript | AWS | React |
|---------|------------|----------|--------|
| Django | Docker | Postgres | APIs |
| GraphQL | iOS | Android | Github |
| Lambda | AWS Lambda | Ruby | |
| Agile | | | |

EDUCATION

Bachelor of Arts - Political Science

Central Michigan University

📅 2006 - 2010 📍 Mount Pleasant, MI

- International Relations Focus

EXPERIENCE

Full Stack Developer

Fluent City

📅 10/2013 - 09/2015 📍 Brooklyn, New York

Fluent City is a cultural organization offering fun, social language classes across 10 ten languages in New York, Washington, D.C., Philadelphia and Boston.

- Collaborated with external design team on design and wire-framing
 - Organized and implemented development sprints, tracking against larger project timelines
 - Prototyped new products for a/b testing and iterated on them
 - Continuously planned, developed, and maintained Fluent City's customer-facing website
 - Developed and maintained integration between internal database of record and Salesforce for customer/lead information
 - Actively contributed to all aspects of Fluent City, including driving process, business goals, and organizational development
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Spanish Teacher

Fluent City

📅 03/2011 - 01/2015 📍 New York

- Instructed adults in beginning and intermediate level Spanish
 - Collaborated with Academic Director to plan curriculum
 - Generated class textbook and supplementary in-class materials
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Technology Lead

Protocol

📅 08/2011 - 10/2013 📍 New York

Instructor

ID Tech Camps

📅 06/2011 - 08/2011 📍 New York