

MARK PINTO (THEY. THEM.)

> CONTACT

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> SELECTED PERSONAL PROJECTS

GENERATIVE A.I. + LARGE LANGUAGE MODELS MEETS RECRUITING

June 2023 to Current

I want to supercharge the recruitment process by harnessing the potential of LLMs and Generative AI. I've integrated with OpenAI's GPT-3.5, to effortlessly compare resumes and job descriptions. Current state is fully functional. <https://github.com/lycoris11/hirewise-ai>

Front End: Next.js (React) and TailwindCSS + Tailwind UI

Back End: Serverless via API Gateway (REST) + AWS Lambda (Python)

Persistent Storage: S3 and Amazon RDS (Serverless Aurora PostgreSQL)

Hosting: Working on multi-region deployment and orchestration via Docker and Kubernetes. I plan on implementing load balancing via an ingress controller + HPA. (I'm considering ECR and EKS. I'm also considering OpenTelemetry / Prometheus / Grafana for logging and metrics)

> SELECTED EXPERIENCE

EPSILON · ASSOCIATE CLIENT INTEGRATION ENGINEER

June 2021 to Current

This job revolves around data onboarding and integration and I wear many hats. I integrate clients onto the data platform and assist them in implementing middleware. I work with a high level of autonomy. I make sure the data flows and stays flowing as it comes and goes. Externally, this role is highly client facing, I'm the expert in the room and I'm comfortable leading meetings with C-level contacts. Internally, I write code in Python and JavaScript to deliver innovative and scalable programmatic solutions to process big data, and execute marketing campaigns.

Notable Accomplishments:

- Using Python, I automated the extraction, transformation, and loading (ETL) of a daily delivered 20M row customer file. I brought runtime down from 2 hours to 16 minutes, drastically reducing the strain on server resources. This resulted in faster implementation and testing.
- I took initiative to fix a broken tool that was slowing the team down. I wrote a Python script for this. I went on to build an automated workflow using this code to speed up work for one of the organization's largest revenue producing clients. A weekly cost of 1.5hrs was reduced to 10 minutes.
- I significantly improved wiki resources for my team; increasing knowledge transfer. I continuously work with Product and Engineering Teams to improve documentation, solution, and share knowledge.

Skills/Responsibilities:

- SME for a bread and butter offering, I support cross teams and am liaison to and from engineering teams.
- I lead, support, and guide the newest members of the organization across roles and job grades.
- I "speak the talk" to technical people and translate complex concepts to non technical folk with ease.

eLPS, LLC · CONTRACT - LEAD FRONT END SOFTWARE ENGINEER

Jan. 2021 to May 2021

- My team and I were contracted by a law firm to deliver the MVP of a web application. The app facilitates the HIPAA compliant delivery of subpoenas and of documents containing PII. I managed one direct report.
- With my team, we worked utilizing agile methodologies. I worked on software development and building an automated CI/CD pipeline.
- We used Azure Cloud. React.js frontend, Node.js backend. Python was also used server side to process and extract data from files.

> EDUCATION

The Ohio State University
B.S. Computer Science and Engineering

> SKILLS

LANGUAGES

JavaScript
Python
Java
C
HTML
CSS

FRAMEWORKS

Next.js
Tailwind CSS
Angular
REST

DATABASES

PostgreSQL
MySQL
DynamoDB
Firebase

TOOLS/SERVICES

Git
Agile Methodologies
Scrum
SDLC
Docker
Kubernetes
Azure
AWS
IAM
Lambda
API Gateway
S3
RDS
Cloudformation
EC2
Linux

LIBRARIES

React
Node.js

SKILLS

Back End Design
Automation
Leadership
Client Facing

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> SELECTED EXPERIENCE

SOFTWARE AUTOMATION ENGINEER · **Self-Employed**

Nov. 2019 to Jan. 2020

- I created software to automate online betting. I envisioned disrupting the gaming industry and capitalizing on a niche market that didn't exist.
- Using vanilla JavaScript I built a Chrome extension to execute bets. I now no longer am pursuing online bet automation since it is a volatile venture.

NATIONWIDE · **SOFTWARE DEVELOPMENT INTERN**

Columbus, OH · May 2018 to July 2018

- Using Ruby I Refactored a testing framework for a client facing claims application. Using Angular I updated elements of the user interface of said applications.
- Worked collaboratively and effectively in a team environment with people at all levels within the organization.
- Communicated complex ideas effectively by analyzing information, formulating and testing hypotheses and made recommendations.

ENSONO · **SOFTWARE DEVELOPER INTERN**

June 2017 to Aug. 2017

- I worked within an Agile Scrum team of six full time developers building a Serverless, cloud-native business application.
- I worked on stories valued 0.5-3 points. I gained experience in all aspects of the development life cycle. (Writing and reviewing stories, code development and review, testing, automation, and deployment).
- I gained valuable experience building web apps using the Angular JavaScript Framework as well as various components of the cloud services platform AWS. Notably I gained experience in S3, Cognito, AWS Lambda, EC2, S3, DynamoDB, and API Gateway.

> SELECTED ACTIVITIES

Northwest Mutual Aid - Chicago

2022 to Current

An all-volunteer, city-wide mutual aid effort, organized neighborhood by neighborhood.

Saint Alexius Medical Center · Gift Shop Manager/ Front Desk Operator

Apr. 2013 to Nov. 2015

- Gift Shop Manager - I handled phone orders, cash register, inventory, and delivery of orders.
- Rotations - Patient facing role in which I operated both the front desk and pediatrics desk. Internally I completed pharmacy orders and delivered medication to beds, medical instruments delivery to ORs, personally handled patient discharge, and I was responsible for training and mentoring new volunteers

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> EXPOSITION

Hi I'm Mark, I'm an engineer, I solve problems. My focus in life is eudaimonia. I love traveling around the world and I've experienced many diverse cultures (Prague, Munich, Tokyo, London, Paris, etc.). I enjoy learning, climbing (bouldering), live music events (EDM and punk!), fitness, riveting conversation, and introspection. Shoot me a message if you want to get in touch!