

FULL STACK DEVELOPER

Hi, I'm Abenezer.

I am a full stack developer with strong backgrounds in API design & development, micro services, databases, cloud-native & server less computing, topics in NLP & ML, security, test-driven development, CI/CD pipelines, and agile methodologies. Looking for an opportunity to leverage my skills and experience to build resilient & scalable systems to automate and optimize workflows, extract meaningful insights, and provide intelligent decision making.

Experience

Pivony @ ITU

JUNIOR BACKEND DEVELOPER

May 2020 - Oct 2020

Architected a distributed AWS native topic modeling platform to efficiently process and summarize textual data and identify user trends such as sentiment, complaints, influence, keywords, topics, and deliver actionable insights.

- Built a preprocessing micro service using sqlalchemy, pandas, dask & docker to efficiently provide NLP preprocessing functionalities such as sentiment analysis, tokenization
- Created an AWS resource orchestrator using boto3 to optimize resource allocation and reduce EC2 idle times
- Researched and developed a topic modeling engine utilizing BERT and unsupervised algorithms such LDA, GSDMM to efficiently cluster text into human readable topics
- Leveraged multiple core EC2 instances in conjunction with docker & Kubernetes to efficiently scale services and reduce EC2 usage by 90%

Software Design Studio @ Reed College

FULL STACK DEVELOPER INTERN

Jan 2017 - Aug 2017

Got introduced to web programming tools such as flask, javascript, postgresSQL, HTML/CSS/JavaScript, Git, & Linux and built a fleet management / geolocation tracking web application to efficiently automate vehicle management

- Developed a geolocation tracking engine using jQuery, Flask, PostgreSQL, and Google Maps API
- Created user authentication and authorization middleware using Flask, PostgreSQL and python decorators
- Created responsive UI components using bootstrap, JavaScript & CSS

Computer User Services @ Reed College

HELP DESK SPECIALIST

Mar 2016 - May 2019

Utilized bash scripting tools in conjunction with remote administration tool Radmin to create and distribute images of Mac OS and Windows to client machines

- Remotely administered labs to provide a secure computing environment
- Tested and deployed weekly firmware and software updates to ensure data security and privacy
- Overhauled real-time monitoring system on lab machines using PHP and command line scripts to improve accuracy

CONTACT

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<https://github.com/abmamo>

Portland, OR

EDUCATION

2015-2020

B.A. in Computer Science

Thesis: Scalable Learning for the Odd

Man Out Task with Applications to

Word Vector Induction

Reed College

2017-2018

Study Abroad in Informatics

University of Sussex

SOFT SKILLS

- Communication
- Empathy
- Teamwork
- Accountability
- Approachability
- Open-mindedness
- Problem Solving
- Creativity
- Time Management

HARD SKILLS

- AWS/GCP/Azure
- python/go
- PostgreSQL/MySQL/MongoDB
- Linux/Unix/Bash/Command Line Tools
- HTML/CSS
- JavaScript
- Git
- Docker/Kubernetes
- Hadoop/Hive/Spark/Drill

PROJECTS

SINBAD

Vendor agnostic data automation platform to streamline ETL procedures across applications and services and reduce suboptimal decision-making

TERET

Blogging app written in Flask, SQLAlchemy, SQLite, SummernoteJS, and Jinja2

MAY 2020 - OCT 2020

JAN 2017 - AUG 2017

MAR 2016 - MAY 2019