ERIC EHMKE

Software Engineer

Berlin, CT

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SUMMARY

Developer with a background in Python 3, Clojure & JavaScript with a focus on back end applications. Experience in building & consuming APIs, data intensive applications and frameworks such as Django, Express, Flask & AWS.

EXPERIENCE

Nov '21 – Present **Principal Software Engineer** **Ally Financial**
Supported Rasa & Python based AI chat bot for assisting customers with bank accounts. Built bot back end, conversation flows, integrated internal & external APIs, participated in code & design reviews and mentored teammates.
```
Python  /  Rasa  /  AWS
```

Feb '20 – Nov '21 **Senior Software Engineer (Data Scientist)** **Raytheon Technologies (Collins Aerospace)**
Product owner for analytic framework development and support team. Coordinated work for remote team of 5 developers. Developed analytic modules and framework to process large data sets into new features for customers. Contributed to analytic framework, configured CI/CD pipeline, participated in code reviews and mentored teammates in Agile (Kanban) environment.
```
Python  /  Flask  /  SQL  /  Azure  /  HTML  /  CSS
```

Jun '14 – Feb '20 **Senior Team Leader** **Raytheon Technologies (Pratt & Whitney)**
Built web based up-time & production tracking tools for industrial team. Built machine tracking software saving organization $65,000/yr in lost production time. Lead 2 manufacturing departments with 25 direct reports & increased output by 20+% vs prior year.
```
Python  /  Django  /  SQL
```

PROJECTS

Clojure RuneScape Fishing Bot **github.com/EricEhmke/clojure_dreambot**
Clojure & Java interop project. Bot controls a player's game character and will automatically go fishing, traverse the game world and bank items. Clojure code interacts with the game through an existing Java API.
```
Clojure  /  Java  /  Leiningen
```

CHKNWNG Full Stack App **bit.ly/3dss3aQ**
Full stack Express & React based single page application for creating and sharing real-time, collaborative shopping lists with multiple users. Back end built with RESTful API with document storage via MongoDB. React front end utilizes Bootstrap & custom CSS. Deployed via Netlify.
```
Javascript  /  Express  /  React  /  MongoDB  /  Bootstrap
```

KC Elite Blog Engine **glacial-cliffs-66941.herokuapp.com**
A Django based web application with article & image posting capability utilizing Amazon S3. Utilizes standard HTML & CSS/SASS with a responsive design & basic SEO. Deployed via Heroku. Source code available on Github.
```
Python  /  Django  /  SASS  /  HTML  /  SQL
```

EDUCATION

2010 – 2014 **Bachelor's of Science** **Central Connecticut State University**
Industrial Technology w/ specialization in Manufacturing

FAMILIAR TECHNOLOGIES

- **Python**
- **Clojure**
- **Django**
- **Linux**
- **Javascript**
- **AWS**
- **Flask**
- **Git**