

# Leon Kühne

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*A passion-driven leader at heart, a full stack developer at large.  
Seeking a full-time position as a Software Engineer.*

## EDUCATION

### Rochester Institute of Technology

2016 - May 2021

- Bachelors of Science in Software Engineering
- GPA: 3.7

## WORK EXPERIENCE

### UKG • Enterprise HR & WFM Software

January - December 2021

- C#, .NET, Ruby on Rails, Kibana, Graphana, PagerDuty, Delphix, NestJS, Kafka
- Individually upgraded company wide ASP.NET testing framework to run headless on linux containers in the cloud using .NET Core with improved performance. Presented process, instructions, and scripts to other teams
- Supported full stack data virtualization integration for on-prem environment deployments using Delphix, reducing deployment sizes by 95% during beta
- Designed and implement a replacement environment deployment strategy for GCP utilizing event sourcing (microservices) and NestJS, as a team of two
- Learned the importance of accountability

### Innovative Solutions • AWS Partner

January - March 2020

- AWS, Go, C#, ReactJS, VueJS, Wordpress
- Researched and prepared an internal team on upcoming technologies
- Learned how to optimize time management and my personal workflow
- *Terminated early due to COVID-19*

### STEM Lab • New Hampshire Academy of Science

July - August 2019

- YOLO, Python, Keras, RE3 (LSTM)
- Lead an R&D effort to automate counting endangered Lady's Slipper Orchids using Imaging Science and AI to monitor climate change
- Used cutting-edge technologies to solve real world problems
- Learned how to lead, educate, and inspire an inexperienced team

### Ultimate Software

May - December 2018

- Kanban, Typescript, Docker, NodeJS, Express, TeamCity, Dialogflow
- Full stack developer on the Research & Innovation Team
- Developed an enterprise Slack integration from scratch to production
- Maintained more than 36,000 users during beta
- Released to general public with a proper handoff to maintenance team
- Learned how to work effectively on an agile development team

## CERTIFICATES

### AWS Cloud Practitioner

- Cloud Infrastructure
- Cloud Architecture
- Common AWS Services

## TECHNICAL

### Programming

JavaScript  
Python  
HTML/CSS  
C, C++, C#  
Java  
ReactJS  
Rust

### Tools

Git  
REST  
Bash  
LINQ, Redux  
SQL, NoSQL  
ASP.NET, Core

### Software

Vim, VS Code, Visual Studio,  
React, Angular, Vue, VanillaJS,  
Kibana, Elasticsearch, InfluxDB,  
Docker, Graphana, PagerDuty,  
Neo4j, GraphQL, K8s, Delphix,  
RabbitMQ, Terraform, NestJS,  
K8s, Keras, TensorFlow, YOLO,  
Jira, Github, TravisCI, TeamCity,  
Linux, Slack, Rails, Dialogflow

## ACTIVITIES

### Communities

- Rust
- Raft Modding
- Learn AI Together

## PROJECTS

### Carl.AI • Display Dimmer

June 2019 - Ongoing

- Python, Tensorflow, Linux, Kinect
- Dim unwatched displays using a kinect depth sensor with a custom deep neural (LSTM) network
- Continuously improves during usage
- Real time and instant with more than 97% accuracy
- Learned how to design and implement a custom AI

### F • Visual Scripting

February 2022 - Ongoing

- VanillaJS, JSPlumb, HighlightJS, Nodel (custom)
- Connect multiple JS functions visually in a browser

### IdOrg • Mobile App

December 2019 - Ongoing

- Ionic, React, DynamoDB, Lambda, Flask, Python
- Take notes on your phone by navigating nodes

[github.com/lxk1170](https://github.com/lxk1170) • 40+ public repositories

*Hiking Enthusiast - Music Producer - Electronics Tinkerer - German Speaker - Dvorak Typist - Linux User*