HANNAH APUAN

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EMPLOYMENT

Twilio Sendgrid

Senior Software Engineer - Denver, CO   *Mar. 2021 - Sept. 2024*

Backend engineer planning, leading, and working on on account model and billing engineering solutions with REST APIs in an AWS architecture. Experience in designing, building, migrating, and maintaining multi-product account model systems including moving on-prem microservices to an AWS architecture.

Skills: AWS (Lambda, SQS, SNS, SSM, API Gateway, Route53, CloudWatch, DynamoDB, etc), AWS Go SDK, Golang, Terraform, Chef, Buildkite, Jenkins, Docker, Splunk, Python, mySQL, REST , Kubernetes, Kafka, CloudFormation

Software Engineer II - Denver, CO   *Apr. 2019 - Mar. 2021*

Billing and compliance engineering solution with REST APIs. Experience in designing, building, and maintaining account model systems including moving on-prem microservices to an AWS architecture.

Skills: AWS (Lambda, SQS, SNS, SSM, API Gateway, Route53, CloudWatch, DynamoDB, etc), AWS Golang SDK, Terraform, Chef, Buildkite, Jenkins, Docker, Splunk, Python, Golang, mySQL, REST

Software Engineer I - Denver, CO   *Sept. 2017 - Apr. 2019*

Product owner of the signup and login flow to increase customer growth through A/B testing. Working on REST APIs and moving microservices to the cloud.

Skills: Golang, AWS (DynamoDB, SQS, S3, API Gateway, Lambda functions, AWS Golang SDK), REST Architecture, Microservice Architecture, Buildkite, Terraform, ReactJS, Redux, Docker, Jenkins, JSX, Nginx, MVC, Typescript, Optimizely

Software Engineer Intern - Denver, CO   *June 2017 - Sept. 2017*

Creating an end-to-end classification system to build datasets for artificial intelligence (AI) supervised learning models and making enhancements to developing machine learning models.

Skills: Go, Docker, ReactJS, Electron.io, NodeJS, MySQL, AJAX, jQuery, CentOS, MVC modeling, Tensorflow, Python

Level3 Communications (now CenturyLink)

Global Pricing and Marketing Database Intel Automation Intern - Denver, CO   *Oct. 2016 - Apr. 2017*

Automating large-scale SQL and Oracle database migration for financial analysis and creating Tableau telecom finance reports.

Skills: SQL Server, OracleDB, Python, R, ODBC, Tableau, Batch Scripting

Forsythe Security Solutions

Hosting Solutions-Technical Architecture Delivery Intern - Denver, CO   *June. 2016 - Sept. 2016*

Designing proof-of-concept high availability applications. Developing a containerized and flow-based application for a Fortune 500 insurance company.

Skills: Apache ActiveMQ, Camel, Cassandra, NiFi, Docker, Gatling.io (Scala), Git, Java, Red Hat OpenShift, and RHEL 7

EDUCATION

University of Denver, *Bachelor of Computer Science, 2014-2017*
+ Mathematics Minor
+ German Language and Literature Minor

Signature School, *International Baccalaureate (IB) Diploma, Top 5 National High School, 2010-2014*
+ Mathematics Minor

AWARDS

Cyphercon Capture the Flag - *Lifetime Badge Winner, Cyphercon, Apr. 2024*

Awarded a lifetime badge for the Cyphercon conference for being the first to solve the Cypher CTF

which utilized cryptography, steganography, and cipher puzzles.

Magic Owl Award - *Superior Execution, Twilio, Fall 2019*

Led company-wide community service initiative for 10,000 employees.

1st Place - *Implementation of Aragon Decentralized Governance, ETHDenver, Feb. 2018*

Built a decentralized Ethereum blockchain dApp with Aragon Governance for custom project namespacing using

ReactJS, Node, Web3, Truffle, and Ganache (TestRPC).