Tim Siwula

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Professional Experience

Software Engineer, Carepoint Pharmacy Chicago, IL 10/2022 - 06/2023
- Implemented internal & external applications using C#, AWS, .NET, MSSQL, Vue, TypeScript
- Data Automation Background Worker: Created a daily service that downloads
- Integration Segment API Integration: Integrated segment analytics into C# and .NET backend for user API calls
- Forgot / Reset Password cognito auth user pools

Software Engineer, Sophos Chicago, IL 01/2022 - 06/2022
- Enhanced internal API: Increased developer velocity by refactoring and decoupling internal AWS SQS library.
- Docker container testing: Increased docker container stability by 20% by diagnosing and writing variable sized performance tests.

Software Engineer, Acceptance AI Chicago, IL 01/2020 - 12/2021
- Zoom OAuth Integration: Integrated a backend Node.js library with Zoom's OAuth API using JWTs.
- Webinar API Integration: Enabled support for Zoom webinar API calls via OAuth token credentials.

Software Engineer, Ensighten Chicago, IL 06/2019 - 12/2019
- Dockerized test framework on Bamboo: Worked between teams to port legacy test framework from protractor to cypress within docker.
- Data pipeline: Updated Redshift and Hadoop tables in ETL pipeline to support new columns for enhanced reporting capability.

Software Engineer, ConsenSys San Francisco, CA 06/2017 - 01/2019
- Java Enterprise Ethereum Client: Worked with an Agile team that developed a Enterprise Ethereum Client to compete with HyperLedger, donated to Apache Foundation
- Rust API for Generating Ethereum Wallets: Exposed an API written in Rust that would then spawn a child process with the Parity CLI tool and capture and store result in PostgreSQL database

Research Assistant, University of San Francisco San Francisco, CA 01/2017 - 06/2017
- Contributed to an open source MIT project called App Inventor.

Science Web Programmer, Berkeley Lab Berkeley, CA 06/2014 - 11/2014
- Ported the Energy Sciences network testbed to a new architecture that consisted of a linux OS and a network file system.

Projects

- HappyENS: Resolve yourdomain.eth domains with DNS (Express.js, JavaScript). Link to GitHub repository. **10/2017**
- Comedy Bot: Messenger chatbot (Heroku, Node.js, AWS Lambda, Twilio). Link to GitHub repository. **02/2017**

Skills

- Java | C# | Python | Javascript | TypeScript | SQL | Dart | R | English | Git | Docker | HTML/CSS | Distributed Systems
- .NET | Flutter | Vue.js | PostgreSQL | MSSQL | Node.js | Express | Screen | Linux: Debian, Ubuntu | Backend | Full-Stack
- Amazon Web Services: Cognito, Lambda, SQS, EC2, RDS | Heroku | Azure | CI/CD: Jenkins, Bamboo | Unit Testing

Education

University of San Francisco San Francisco, CA 01/2014 - 05/2017
- Graduated with a Bachelor of Science (B.S.) in Computer Science