Kyle Potts

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PROFESSIONAL EXPERIENCE

Clustertruck   **Indianapolis, IN**
Senior Software Engineer   *June 2021 – Present*

- Kitchen Order Management System
  - created ubuntu based x86 os image to run chrome on physical kiosk devices
  - Developed web interface for kiosk system using Elixir + OTP + Phoenix Framework
  - Utilized redis pub-sub to communicate via event driven architecture for the status of orders
  - Interfaced with IP based Espon printers to print out tickets for orders when arrived at kitchen
- Giftcards
  - created web interface to purchase clustertruck giftcards (https://www.clustertruck.com/giftcards)
  - Using Elixir + Phoenix for front end UI
  - Using Ruby on Rails for backend API + pdf generation
  - S3 Object storage utilized for storage of pdfs

ANGIE'S LIST   **Indianapolis, IN**
Full Stack Senior Software Engineer   *June 2016 – June 2021*

- Created scalable microservice based backend applications in Scala using the Play Framework. Followed the service oriented architecture pattern to allow for composition of different data services.
- Created miro frontends using modern web technologies like babel, webpack, es6, React. In both a home grown framework and Nextjs.
- Used Nextjs to create SSR pages indexed by Google for SEO, including the AngiesList Homepage.
- Maintained Angie's List styleguide (a css and component library shared across all applications)
- Utilized Kafka and Zookeeper as an event system for asynchronous processing of user actions.
- Created traditional relational tables and performant queries in MySQL
- Maintained Angie's List Service Provider Android App which was developed in Kotlin

EDUCATION

Purdue University   **West Lafayette, IN**
B.S., Computer Science May 2016

- GPA 3.53/4.0

PROJECT EXPERIENCE

Halcyon - Linux Home Assistant Integration

- Rust based linux native application to send sensor information (cpu, memory, temperatures) to home assistant to allow for the creation of automation based on these sensors.

Era & Era Companion

- C++ based fork off Watchy project (https://watchy.sqfmi.com/) setup to communicate with companion app via BLE
- Watch companion app written in flutter to allow for setting of time and sending of notifications