

# Kellen Linse

## Software Developer

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Software developer with good communication, teamwork, and problem-solving skills. A focus in IoT and Web Development, and with knowledge of low level DC circuitry for in-vehicle and microcontroller systems. Additional skills include PCB design, hardware and software development for Embedded Systems and IoT devices, 3D printing, and basic CAD design.

### TECHNICAL SKILLS

**Languages:** Embedded C/C++, Dart, Javascript, Processing

**Skills, Tools, and Frameworks:** React, React Native, Ionic, Express, MongoDB, Node, Auth0, Sequelize, PostgreSQL, MySQL, AWS services, Redux, Redux Toolkit, EasyEDA, RESTful API and Websocket application architecture, HTML, CSS and front-end CSS frameworks, Sass, Bootstrap, Material-UI, Bulma, Arduino, Platformio, Flutter, ESP8266, ESP32, Git, GitHub, Agile, VS Code, Visual Studio, Netlify, Heroku

### PROJECTS

- DotDotFlow - LED Performance Prop Product Development - 2018 - Present
  - App, IR, Bluetooth, WiFi controlled LED performance and flow props.
  - Tech: ESP32, C/C++, WiFi, Bluetooth, IR, Websockets, React, Ionic, EasyEDA, Cura, Painless Mesh, FastLED, Artnet.
- Knect.Dev - Job Tracking App - March, 2022 [github.com/Knect-Dev](https://github.com/Knect-Dev)
  - Allows users to effectively track and document the jobs they have applied for as well as their most up to date interactions.
  - Built with Javascript, React, Node.js, Express, Redux, Ionic, Sass, React-Vis, PostgreSQL, hosted on Heroku, and Netlify, managed with Git, Github, and Github Projects.
- Event Egg - Event Finder App - Dec, 2021 [github.com/event-egg](https://github.com/event-egg)
  - Allows users to search and save upcoming events in their area and suggests events based on user location and preferences.
  - Built with Javascript, React, Node.js, Express, CSS3, Sass, HTML5, MongoDB, Ticketmaster Discovery API, GitHub, Git.

### EDUCATION

Code Fellows - Seattle, Wa - Intermediate Software Development  
2021 - 2022

University of Washington - Seattle, Wa— Philosophy and Classical Studies  
2009 - 2013

Yakima Valley Community College - Yakima, Wa— Associates Degree  
2006 - 2009

### EXPERIENCE

**Best Buy** - Seattle, Wa — MECP Expert Level Certified Autotech Lead — 2006 - 2021

- Possess expert level of knowledge with regards to vehicle electrical systems, vehicle construction, low level DC circuitry, and the tools used for installation, repair, and troubleshooting of aftermarket vehicle electronics, such as digital multimeters, oscilloscopes, and real time analyzers.
- Implement and document technical processes at the company level, while managing, training, and mentoring junior and mid-level techs both in store and around the district.
- Diagnose, repair, and resolve installation and product related problems ranging from product failure to problems resulting from incompatibility between vehicle and aftermarket systems.