Lucas Haskell

Full-Stack Software Engineer

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TECHNICAL SKILLS

Programming Languages | Python 3, JavaScript ES6+, SQL, HTML5, CSS
Front-End | DOM manipulation, WebSockets, React, React Hooks, Redux Toolkit
Back-End | Django 4, PostgreSQL, MongoDB, FastAPI, RabbitMQ
System Design | Microservices, Domain-driven design, Message passing, Event sourcing
Engineering | Schematics & Diagrams, Electrical Diagnostics, Technical Writing

APPLICATION DEVELOPMENT EXPERIENCE

Full-Stack Engineer | Sheltr | shelter.tech   **2023**
This project showcased developing a React app for an animal shelter.
  ● Integrated Stripe payment functionality and handled deployment to Heroku
  ● Incorporated React, React-Router, & BootStrap to create a fast, aesthetically-pleasing app

Full-Stack Engineer | Reelistr |barkmulcher.gitlab.io/module3-project-gamma   **2022**
A polished movie database React app with a Python back end.
  ● Agilely implemented user login/auth, handlebars templating, and user-submission forms
  ● Deployed completed app to Heroku & performed extensive testing to ensure functionality

PROFESSIONAL EXPERIENCE

Equipment Technician | Texas Instruments Inc | South Portland, ME   **2021 - 2022**
  ● Sustained fleet of etch manufacturing equipment to exceed up-time demands
  ● Performed high-level troubleshooting of process-related issues
  ● Initiated continuous improvement of documentation and diagrams

Field Service Engineer | Lam Research Corporation | Hillsboro, OR   **2015 - 2021**
  ● Sustained large fleet of semiconductor manufacturing equipment exceeding customer expectations
  ● Hosted and presented weekly communication meetings with customer
  ● Supported customers' install needs across North America and Asia

Turbine Engine Technician | Columbia Helicopters | Aurora, OR   **2011 - 2012**
  ● Maintained and rebuilt GE T-58, Lycoming T-55, and Rolls-Royce M250 turbine engines
  ● Operational testing, overhaul, and inspection of fueling and lubrication components
  ● Used and maintained records for precision calibrated equipment

Blackhawk Helicopter Mechanic | US Army | Fort Campbell, KY   **2006- 2009**
  ● Maintained, inspected, and repaired fleet of UH-60 Blackhawk helicopters
  ● Oversaw squad level maintenance operations during one-year deployment overseas
  ● Worked in cooperation with personnel from twelve other NATO nations

EDUCATION

Hack Reactor | Advanced Software Engineering Certificate   **August 2023**
University of New Hampshire | Full-Stack Web Development Certificate   **December 2022**
Oregon State University | Coursework in M.E./B.M. Minor   **2013-2014**