Weston Ludeke

Full Stack Software Engineer

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PROFILE

Full Stack Software Engineer with over a decade of tech industry experience, including at multiple VC-backed Silicon Valley-based startups.

PROFESSIONAL EXPERIENCE

Creator / Software Engineer, *Campfire (campfire-previews.github.io)*   Nov 2023 – present
- Created Campfire, an open-source, self-hosted, collaborative deploy-preview solution for containerized, headless frontends, leveraging technologies such as Javascript, React, GitHub Actions, AWS (ECS, S3, API Gateway, Lambda, Application Load Balancer, CloudFormation)
- Developed the frontend, primarily using React and Material UI, with a focus on responsive design and user experience.
- Built Campfire's CLI, which automates the deployment and dismantling of AWS cloud infrastructure, reducing the setup process from 30 manual steps to an automated workflow; published as an NPM package.
- Developed a custom GitHub app to synchronize comments bidirectionally between GitHub pull requests and our app, enhancing functionality by implementing user name capture with input sanitation.
- Strengthened application reliability by writing comprehensive unit tests using Vitest to validate user input.
- Resolved issues caused by ad-blocking extensions by implementing dynamic importing of React components.
- Authored and led the editing of a comprehensive case study and README outlining the problem domain, system design, and engineering decisions, readable at: campfire-previews.github.io
- Collaborated remotely with a team of four engineers across four time zones, employing Scrum and Agile methodologies, daily stand-ups, pair programming, and mob programming.

Software Engineer, *Open-Source Projects*   Jan 2020 – present
Developed and contributed to various freelance and open-source applications, including:
- Rainbucket - Developed a RequestBin-like web app for testing and debugging webhooks and HTTP requests, using Javascript, React, Express, Node.js, PostgreSQL, MongoDB, and Nginx; hosted on a Digital Ocean droplet.
- Bloglist - Created a curated list of tech industry blogs, implemented with Javascript, Node.js, React, MongoDB, Express, HTML, CSS, and hosted on Render.
- The A11y Project - Contributed to an open-source, community-driven non-profit project aimed at making digital accessibility easier, focusing on documentation.

Customer Support, *Streak (YC S11)*   Apr 2016 – Dec 2023
- Bridged communication between customers and the engineering team, recreated and documented bugs, utilized custom Python scripts, and set up Zapier integrations to enhance customer support
- Developed a custom invoicing tool using Javascript, Stripe API, and Google Apps Script, automating the invoice process and significantly reducing manual workload.
- Wrote custom SQL queries in BigQuery to extract and deliver custom data sets for customers.

Support / Sales / Account Management, *Multiple Companies*   Jan 2009 – Aug 2015
- Full history on LinkedIn: linkedin.com/in/westonludeke

SKILLS

Languages
Javascript, Typescript, Node.js, Ruby, Go

Other
Digital Ocean, Render, Heroku, AWS, Git/GitHub, Docker, Nginx, Bash, Jest, Vitest, Cypress, RSpec, Minitest, Postman, Zapier, IFTTT, PostgreSQL, MongoDB, SQL, SQLite, Google Apps Script, BigQuery, Stripe, WebSockets

Web Development
Express, React, Sinatra, Handlebars, Material UI, jQuery, Bootstrap, REST APIs, HTML, CSS, JSX

Writing and Documentation
Documentation, technical blog posts, READMEs, knowledge base articles

EDUCATION

Launch School, *Software Engineering*   Jan 2020 – Jun 2023
Courses included topics on: OOP, unit testing, networking, databases, concurrency, asynchronous programming, etc.

University of Houston, *BBA, Marketing*   Aug 2004 – Dec 2008