Aaron Hull

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🌐 Personal Website

⚗ Projects

Bard   Bard / GitHub Link

> HTML/CSS, JavaScript, React, Node.js with Express, PostgreSQL, Clickhouse DB, Docker, AWS
> An open-source, lightweight, self-hosted session replay tool, specializing in conversion funnel analysis.
> Built a full-stack application for session replay and analysis using React front-end using MaterialUI, NodeJS with Express back-end, PostgreSQL database, Clickhouse database, and a RabbitMQ
> Configured and deployed Bard's architecture using Amazon Web Services (ECS, Fargate, EFS).
> Collaborated with a remote team of 4 engineers across 3 time zones using an agile workflow.

Request Cart   Request Cart / GitHub Link

> HTML, CSS, JavaScript, Nginx, PostgresSQL, MongoDB, Digital Ocean Droplet, Webhooks, Websockets
> A real-time application for receiving & debugging webhooks.
> Collaborated with a remote team of 4 engineers across 3 time zones using an agile workflow.

Simple Daily Budget   Daily Budget / GitHub Link

> Ruby, PostgreSQL, HTML, CSS, Sinatra
> A simple way for someone to keep track of a budget based on a daily limit in spending.
> Began the application using cookies/sessions to store data to be used.
> Implemented a PostgreSQL Database using an adapter pattern to connect the application to the database.

◔ Experience

Younghoon International Middle School   Feb 2016 – June 2022
Social Studies Teacher   *Seoul, South Korea*

> Designed and implemented daily lessons in eighth-grade World History, seventh-grade Geography, and seventh-grade International Studies.
> Lead the eighth-grade team by creating homeroom activities, holding weekly meetings, creating professional development opportunities, and acting as a key member of the hiring and evaluation process for current and future teachers.
> Created and implemented an onboarding process for new team members by creating mentoring relationships for all new teachers leading to a 25% increase in the tenure of new teachers.

⚙ Skills

Back End Node.js, Express, Ruby, Go, PostgresSQL, MongoDB, Clickhouse, RESTful APIs
Front End JavaScript, React, React Hooks, HTML/CSS, MaterialUI, Bootstrap
Programming Skills Git/Github, HTTP, Docker, Linux, Bash, OpenTelemetry, Graphana, Digital Ocean, Heroku, AWS EC2/Fargate/ECS/EFS

🎓 Education

Bethel College   2006 – 2010
BA History   *North Newton, KS*