

# Cameron Bibb

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## PROFILE

I am a software engineer with experience in JavaScript, TypeScript, Go, Ruby, PostgreSQL, and React. I am a co-creator of Willow, an open-source framework for creating change data capture pipelines. I use skills gained in seminary and honed in my previous career to logically and methodically break down complex problems and write clear, maintainable code.

## EXPERIENCE

**Creator, Software Engineer, Willow** [willow-cdc.github.io](#) 2024 – present

Willow ([willow-cdc.github.io](#)) is an open-source framework for creating change data capture pipelines. It reflects database changes to a cache in near real-time.

- Developed framework to simplify change data capture pipeline creation from 9 steps to 4 steps.
- Designed and constructed a custom connector to transform events from Kafka and send to a cache (KafkaJS).
- Resolved Debezium configuration issues preventing multiple pipelines from connecting to the same database.
- Ensured Willow functions when provided a minimum privileged database user, avoiding the need to provide Willow with superuser privileges.
- Architected and implemented a RESTful API, facilitating pipeline creation and teardown (Express).
- Built pipeline management UI (React, Material UI).
- Authored comprehensive technical case study ([willow-cdc.github.io/case-study](#)).

**Software Engineer, Self-Employed / Personal Projects** 2021 – 2024

Developed freelance and open-source applications including:

- Requests - A RequestBin clone for testing webhooks (JavaScript, React, PM2, DigitalOcean, Nginx, MongoDB)
- BackLog Update - A web app for organizing a videogame backlog (Ruby, Sinatra, PostgreSQL, HTML/CSS)

**Media and Design, First United Methodist Church, Lexington, KY** 2021 – 2023

- Maintained and edited websites across three church communities (HTML/CSS, WordPress)
- Installed and operated technical equipment for A/V and live streaming

## SKILLS

### Back End

Node.js/Express, Ruby, Sinatra, PostgreSQL, MySQL, MongoDB, Redis, SQL, RESTful APIs, Go, TypeScript

### Front End

JavaScript, React, MaterialUI, HTML/CSS, jQuery, Handlebars, Axios, TailwindCSS, Jest

### Cloud

AWS, DigitalOcean, Heroku

### Other

Git/Github, Docker, Apache Kafka, Linux, Bash, WebHooks, Object Oriented Programming, Debezium

## EDUCATION

**Launch School** 2021 – 2024

Multi-year, mastery-based software engineering curriculum. Read more at [launchschool.com/employers](https://launchschool.com/employers)

**Asbury Theological Seminary, M.Div.** 2010 – 2016 | Wilmore, KY

**Asbury Theological Seminary, M.A., Theological Studies** 2010 – 2016 | Wilmore, KY

**East Carolina University, B.A., Philosophy** 2003 – 2008 | Greenville, NC