

# Cameron Bibb

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## PROFILE

I am a software engineer with experience in JavaScript, TypeScript, Go, Ruby, PostgreSQL, and React. I created Willow, an open-source framework for creating change data capture pipelines. I feel seen when people join in Monty Python quotes and references with me. I enjoy hiking, playing music, and time with my kids.

## PROFESSIONAL EXPERIENCE

**Creator, Software Engineer, Willow** [↗](#) 2024 – present  
Willow ([willow-cdc.github.io](https://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, detailing the motivation, architecture, and design decisions of the project ([willow-cdc.github.io/case-study](https://willow-cdc.github.io/case-study) [↗](#)).

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

- Maintained and edited websites across three church communities (HTML/CSS, JavaScript, 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

### Cloud

AWS, DigitalOcean, Heroku

### Front End

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

### Other

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

## EDUCATION

**Asbury Theological Seminary**, M.Div. 2010 – 2016

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

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