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# **PROJECTS**

#### Bard: Full Stack Engineer

August 2022 - December 2022

- Co-founder of <u>Bard</u>, an open-source app for recording, replaying and analyzing how users interact with websites.
- Worked with a remote team of three other engineers to implement Bard's key features.
- Designed a system utilizing RabbitMQ, ClickHouse and Postgres to handle high data throughput.
- Used React to create an intuitive user interface.
- Wrote code to automatically deploy Bard to the AWS cloud while leveraging ECS, EFS and Fargate.
- Used GitHub to effectively collaborate with teammates.

# Neptune: Lead Engineer

September 2021 - May 2022

- Lead Engineer for Neptune, a decentralized lending and borrowing application on the Solana blockchain.
- Worked with Neptune's founder to design features and implement them in Rust.
- Led a multinational team of experienced software engineers to submit Neptune to Solana's Riptide Hackathon.

# **SKILLS**

Languages: JavaScript, TypeScript, Rust, Go, HTML, CSS, Ruby

Frameworks: Node.js, React.js, Express.js, Gin (Go), Sinatra

Tools: Postgres, ClickHouse, MongoDB, RabbitMQ, Redis, AWS Cloud, Docker

### WORK EXPERIENCE

#### Self Employed: Full Stack Engineer

September 2021 - Present

- Developed software applications based on customer needs using a variety of tools and languages.
- Larger projects are detailed above. Smaller projects include:
  - o SolGrow, a platform for tokenizing agricultural assets on Solana.
  - CallBin, an app to capture and store incoming http requests.

#### Epic Systems: Cosmos Project, Verona, WI

August 2018 - September 2021

- Managed key initiatives for Cosmos, an unprecedently large database of de-identified patient information.
- Worked with a small team to streamline Cosmos installs using agile processes.
- Used Excel VBA and M code to build tools that cut the time to install Cosmos in half.
- Trained Epic employees on Cosmos processes to increase install volume.
- Grew the Cosmos customer base by 10x in 12 months.

### Epic Systems: Technical Solutions Engineer, Verona, WI

August 2018 - September 2021

- Partnered with teams of IT professionals to maximize their use of Epic's inpatient software.
- Guided my teams through the technical aspects of hospital acquisitions, complex upgrades and COVID-19.
- Successfully coordinated cross-team projects for multiple customers.
- Regularly investigated complex problems and presented solutions to customer leadership (C-Suite).

# **EDUCATION**

### Launch School

September 2021 - Present

- Intensive online education program for software engineers.
- Unique emphasis on mastery-based learning.
- Focus on full-stack web application development.

#### Boston University College of Engineering, Boston, MA

May 2018

- Bachelor of Science, Biomedical Engineering.
- 3.88 GPA, Dean's List six semesters.