

Tyler Brangman

[Portfolio](#) | [LinkedIn](#) | [Github](#)

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EDUCATION

Purdue University, West Lafayette, IN — *Computer Graphics Technology*

August 2014 - December 2018

EXPERIENCE

SteakingIO, Chicago, IL — Co-Founder/Software Engineer

June 2021 - PRESENT

- Spearheaded the development of a decentralized web application (dApp) that empowers users to stake and monitor their staking positions on the Solana blockchain seamlessly.
- Assisted in securing funding from the Solana Foundation, facilitating the adoption of stake pools for liquid staking on Solana.
- Helped collegiate blockchain clubs set up their own validators and stake pools.
- Contributed to the scaling of the platform to reach over 10000+ DAUs within 2 months.
- Successfully sold off SteakingIO IP to staking competitor.

CoinFlip, Chicago, IL — *Software Engineer (Front-End)/Webmaster*

October 2019 - May 2022

- Assisted in the development and management of the backend infrastructure, enabling the CoinFlip.tech site to scale to over 30,000+ DAUs.
- Worked on the implementation of unit tests, contributing to a 65% increase in code coverage and a more stable codebase.
- Participated in accessibility audits following WCAG best standards, contributing to a 90% increase in usability and accessibility for CoinFlip.tech.
- Supported the maintenance of SSL certificates/DNS and contributed to SEO campaigns, resulting in a 300% increase in page views over 2 years
- Devised foundational diagrams for customer data retrieval and authentication for the Olliv platform, utilizing technologies such as AWS Cognito, DynamoDB, Lambda, and API Gateway.
- Orchestrated the development of a comprehensive design/component system, significantly enhancing collaboration and usability for a broad spectrum of stakeholders.
- Collaborated closely with the DevOps team to streamline the integration of a robust CI/CD pipeline, thereby enriching end-to-end test coverage, fortifying software delivery processes, and ultimately amplifying the team's overall development efficiency.

SKILLS/SOFTWARE

ReactJS, NextJS, Typescript, Prisma, PostgreSQL, GraphQL, AWS (Cognito, DynamoDB, Lambda, API Gateway), Shopify, Figma, JIRA, Google Analytics, Google Ads, Search Engine Optimization, Optimizely, Usability Testing, Illustrator, Photoshop

PASSION PROJECTS

- [Loud Saturdaze](#): Media/music company with 15.7k subscribers & 20+ million views on Youtube.
- [Bermuda Pulse](#): Bermuda's first news aggregator and discovery engine.