

## Projects

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### Plexus Create | [github.com/davidfrnks7/plexus-create](https://github.com/davidfrnks7/plexus-create)

An app for content creators to show off their projects, collaborate with other creators, seek crowdfunding, offer opportunities of collaboration, and give fans updates on projects they love.

- Utilized NextAuth for passwordless login with Google oAuth. Linked NextAuth data to a profiles table which would allow users to customize their public facing profile. Forms were used for user input and a modal would appear on first sign-in.
  - Input data was held in a React state to then be submitted to the database using GraphQL mutation hooks.Forms were A11y and W3 compilation by using symbol and color feedback for invalid and required fields.
- Filter projects and users using RegEx to display as search results based on a user's query. The data was then sent to the front end and held in a React state that was then displayed as individual cards using Chakra UI. Filters were used within the search component to further narrow down search results.
- Employed Cloudinary to allow users to submit their own photos that would display on their profile using API calls with Axios and input forms.
- Setup CI/CD for the project to make sure builds were compliant with linting, building, and running on a deployment build before allowing margin of changes.

### Beastie Booze | [github.com/davidfrnks7/BeastieBooze](https://github.com/davidfrnks7/BeastieBooze)

A legacy app for finding drinks and learning how to make them.

- Visualized analytics using React Chartjs 2 with bar charts to allow for the tracking of units sold over the course of a month and year while filtering our transactions for the charts using Moment.js.
- Created a way for users to register a business using forms.
  - Input data was held in a React state to then be submitted to the database using Mongoose and Axios. Forms were A11y and W3 compilation by using symbol and color feedback for invalid and required fields.

## Skills

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| <ul style="list-style-type: none"><li>• <b>Languages:</b> TypeScript, JavaScript, Python</li><li>• <b>Libraries:</b> React.js, Next.js (React.js)</li><li>• <b>Styling Frameworks:</b> Bootstrap UI, Chakra UI</li><li>• <b>Databases:</b> PostgreSQL, MongoDB, MySQL, SQLite</li><li>• <b>Database ORM:</b> TypeORM, Prisma, Sequelize, Mongoose</li><li>• <b>API:</b> GraphQL, RESTful APIS, Axios, Google, YouTube, Cloudinary, Stripe, Square</li><li>• <b>Server Frameworks:</b> Node.js, Express.js</li></ul> | <ul style="list-style-type: none"><li>• <b>Other:</b></li><li>• Web Development, Front End Development, Back End Development</li><li>• Responsive Layouts, Accessibility</li><li>• Test-Driven Development, Testing, Chai, Mocha</li><li>• Critical Problem Solving, Troubleshooting, Teamwork, Autonomy</li><li>• CI/CD, Continuous Integration / Continuous Deployment, Github Actions, Jenkins, Jira, Trello</li><li>• WordPress, BuddyPress, WooCommerce</li><li>• Ubuntu / Linux, WSL 2, Windows Subsystem for Linux</li></ul> |
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## Education

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### Operation Spark

Fullstack Software Engineering  
WebDev - JavaScript- TypeScript - React  
2020-2021

An immersive coding bootcamp that is a derivative of Hack Reactor, using a lot of the same methodologies and ideas. Putting students through 1000+ hours of hands-on coding in JavaScript starting with the basics and fundamentals, then deep diving into relational and non-relational databases, node.js, app deployment, app bundling, and JS frameworks like React.js.

## Experience

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### CGI

Java Developer  
03/2022 - Current

Worked on a modernization project for a local government agency. The project aimed to cut down on operation costs by speeding up system load times, Java api generation, and moving legacy platforms onto Pega. The overhaul sped up existing infrastructure and API load times by 60%, reduced time spent on tasks by 40%, and saved the government \$600,000.