

# VIRAJ PATEL

## Full Stack Software Engineer

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<https://viraj-portfolio.netlify.app/>  
<https://github.com/vxcodes>

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## SUMMARY

I am a Full Stack Software Engineer with a growth-mindset and passion for using collaboration and inclusivity as a means of discovering creative, sustainable, and dependable solutions

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## SKILLS

**Programming Languages:** JavaScript, Python, HTML/CSS  
**Frameworks:** Node.js, Express.js, Django, jQuery, Bootstrap, Materialize  
**Libraries:** React.js, Mongoose.js  
**Databases:** MongoDB, PSQL  
**Methodologies:** Ajax, OOP, Functional, MVC, REST  
**Deployment and VCS:** Netlify, Heroku, GitHub, Git

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## PROJECTS

**React Connected** – A react social media application to foster connectivity ([Live](#) | [GitHub](#))

**MongoDB, Mongoose, Express, React.js, Node.js, CSS3, AJAX, NYT API, Netlify**

- Implemented Create, Read, and Delete features using a React frontend and Express backend
- Built functional components to increase reusability and organization of code
- Displayed user details upon login using variables to detect logged in state

**Exchange** – A blog website to promote productive discourse ([Live](#) | [GitHub](#))

**HTML5, CSS3, JavaScript, MongoDB, Mongoose, Express, Node.js, Bootstrap, Heroku**

- Applied Create, Read, Update, and Delete functionality with RESTful routing and Mongoose.js
- Improved code architecture and organization by implementing the MVC model alongside REST
- Stored user posts and comments using an embedded schema and communicated them to MongoDB using Mongoose for object translation

**Library Catalog** – A title generator for avid readers ([Live](#) | [GitHub](#))

**HTML5, CSS3, JavaScript, jQuery, AJAX, Open Library API, GitHub Pages**

- Displayed information from the Open Library API using Ajax to request the external data source
- Utilized JavaScript to redirect user, reset data, and parse through Open Library's returned object

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## WORK EXPERIENCE

**Guardant Health**

**Sept 2020 – April 2021**

**Reagent Manufacturing Associate I**

- Executed the manufacturing of reagents by continually meeting demand and reduced time taken to accomplish tasks through teamwork and efficient performance
- Performed effectively on an agile team, contributing to small projects measured for quality
- Updated and developed detailed documentation regarding Reagent Manufacturing Forms and effectively communicated all changes

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## EDUCATION

**Software Engineering Immersive** – General Assembly – Remote

**Bachelor of Science, Molecular and Cellular Biology** – University of Arizona – Tucson, AZ