

# Mohana Bansal

Portfolio: [mohanabansal.herokuapp.com](https://mohanabansal.herokuapp.com)  
LinkedIn: [linkedin.com/in/mohanabansal](https://linkedin.com/in/mohanabansal)  
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## TECHNICAL SKILLS

**Proficient:** JavaScript, React, Redux, NodeJS, Express, HTML, CSS, PostgreSQL, Sequelize, Git, JIRA, RESTful APIs

**Knowledgeable:** Socket.io, Babel, Webpack, Heroku, Passport (OAuth), jQuery

**Familiar:** Jest, Enzyme, Mocha, Test Driven Development, Phaser, MySQL

## PROJECTS

**REPLroom** | [View Project](#) | [View GitHub](#)

May 2020

- A live collaborative workspace for a user to code in JavaScript repl, video call, text chat, and share whiteboard
- Developed Code Mirror terminal to display results after evaluating user code using web worker and syntax tree
- Created functionality to video call/chat and show who is currently typing using Socket.io and OpenTok
- Built modal to invite people by sharing link or via email using Nodemailer

**ECommerce Site** | [View Project](#) | [View GitHub](#)

April 2020

- An e-commerce website for members as well guests to browse and buy products using ReactJS, Redux, NodeJS, Express, Sequelize, Postgres, HTML, CSS, JavaScript
- Designed and implemented shopping cart for members and guests with state and inventory management
- Developed navbar to show products by categories and created admin page to allow administrative workflows
- Wrote RESTful API endpoints to supply front end with relevant data using Express and Sequelize ORM

**Snake Game** | [View Github](#)

April 2020

- Created a vintage snake game using the React Phaser library, CSS and HTML
- Managed game lifecycle by keeping track of points, increasing the length of the agent on reward and ending the game based on exit rules

## WORK EXPERIENCE

**Publicis.Sapient, NY – Front End Developer**

January 2018 – August 2019

**Consultant at Goldman Sachs, NY – Front End Developer**

- Redesigned the existing global trading portal to make the product efficient, data scalable and market competitive
- Converted wireframes into a pixel perfect, responsive, cross browser supportable website using HTML, CSS, SASS
- Developed functionalities to place trades, verify trades, show error and warning using snack bar, display trade summary using modal, etc. using ReactJS, Redux, JavaScript
- Wrote test cases, in Enzyme and Jest, to test high-quality web and to ensure the working of functionality

**Consultant at Federal Bank of Philadelphia**

- Designed education website for the client to add functionalities, provide a modern user interface for better user experience
- Built reusable components to perform functionalities like filtering, sorting, pagination using ReactJS, Redux, JavaScript
- Created responsive web pages from Zeplin wireframes, using HTML, CSS that were supported across different browsers

## EDUCATION

**Grace Hopper Bootcamp**

May 2020

Full Stack Web Development

**University of Maryland, College Park, MD**

May 2017

Masters of Information Management

GPA: 3.93/4.00

**Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal - India**

May 2014

Bachelor of Engineering in Computer Science

GPA: 3.6/4.0

