

Mohana Bansal

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EDUCATION

Grace Hopper Bootcamp
Full Stack Web Development

May 2020

University of Maryland, College Park, MD
Masters of Information Management

May 2017
GPA: 3.93/4.00

Rajiv Gandhi Proudlyogiki Vishwavidyalaya, Bhopal - India
Bachelor of Engineering in Computer Science

May 2014
GPA: 3.7/4.0

TECHNICAL SKILLS

Proficient: JavaScript, React, Redux, NodeJS, Express.js, HTML, CSS, Postgres, 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 – Full Stack Developer | [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 – Full Stack Developer | [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 – Solo Developer | [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 wire frames into a pixel perfect, responsive, cross browser supportable website using HTML, CSS, SASS
- Developed functionalities such as placing trades, verifying trades, implementing error and warning using snack bar, designing modal for trade summary, 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

Euclid Technology, MD – Software Developer

Aug 2017 – Nov 2017

- Created a logical structure for the database, maintained it for clients, and performed CRUD operations to implement business logic
- Supported 3-4 clients with technical assistance weekly, and created technical documentation to maintain customer history and streamline communication