

Josh Silverman, Front End Engineer

<https://www.linkedin.com/in/josh-silverman/>

<https://josh432.github.io/materializeportfolio4.0/index.html>

Summary:

- 4 years of web development experience in Front-End & Full-Stack Applications utilizing HTML, CSS, JavaScript, React.js, Redux, AJAX, JSON, MongoDB, MySQL, Firebase, GraphQL, Node.js, Passport.js, Mocha, Chai, Development Dependencies, Heroku and Netlify.
- Experience with modern Front-End frameworks for Javascript including jQuery, React.js, Redux, Handlebars.js.
- Worked extensively in HTML, CSS, Javascript, DOM, jQuery, AJAX, JSON, Command-line, Handlebars.js, React.js, Redux.
- Expert in responsive web design using Media Queries, Bootstrap/Reactstrap and Google Materialize libraries to create attractive, polished mobile-responsive web applications.
- Coded asynchronous and modular Javascript functions using callbacks to pass necessary data after jQuery click events and AJAX calls.
- Implemented many Bootstrap/Reactstrap and Materialize components on static and Full-Stack web projects.
- Expert in Node.js server side Javascript, Express Servers, and Middleware.
- Experience in many databases including MySQL, MongoDB, MongoAtlas, and Google Firebase.
- Used many development dependencies to interface/query Databases including Mongoose, Sequelize, and Axios.
- Wrote many schemas and data models for information in many databases.
- Experience in Python & Django.
- Knowledge of Google map API and integrating interactive maps into web pages.
- Avid user of Microsoft Visual Studio Code for coding, web-development, terminal applications, and NPM installations.
- Built many Full-Stack mobile responsive applications which are engaging for the end-user.
- Expert in creating reusable React.js components from scratch.
- Used styled-components.js, Reactstrap and Materialize libraries within the React.js framework to implement attractive, user-friendly, reusable components for scalable e-commerce web applications.
- Used Redux for various program states and actions, including moving local component state to reducers.
- Connected backend routes using Axios and passed necessary data to reducers for GET/POST/DELETE requests..
- Used Postman to design and implement REST API's on web services using GET, PUT, POST, and DELETE.
- Used GraphQL in several web projects to design streamlined API's that retrieve the necessary data from a single request.
- Wrote resolvers, queries and mutations for GraphQL servers.
- Utilized Yoga, Prisma, and Apollo to build highly efficient GraphQL servers.
- Created forms to gather information from user in HTML and host images on Cloudinary.
- Implemented Stripe for credit card processing.

- Implemented JSON WEB TOKEN(JWT) for end-user authentication within React.js apps/login pages, and created private, authenticated user routes.
- Protected sensitive passwords and data in databases via hashing using bcrypt.js.
- Built, designed, debugged, tested and deployed multiple Full-Stack React.js CRUD web applications
- Completed several projects on unit and end-to-end tests using Mocha, Chai, and Jest.
- Tested individual React Components for proper functionality.
- Experience in debugging application and errors using Chrome Development tools.
- Deployed many projects to Heroku and Netlify cloud hosting.
- Good experience with GitHub for source code management, Webpack, NPM package manager, and GitHub pages.
- Created multiple commits to many repositories in GitHub for future code reference.
- Strong design and programming skills demonstrated by several live, Full-Stack projects including: static web-pages, games, quizzes, command line inventory management applications, match-making applications, food ordering apps, investment idea generators, PDF document embedders, custom video players, random quote generators, exercise/gym trackers, contact forms, news/web scrapers, timed transportation schedulers, GIF animation apps, full-screen image slideshows, editable to-do lists, editable shopping-lists with private routes & very complex Full-Stack e-commerce simulators, rocket launch trackers, music lyric retrieval apps, multiple reusable styled React.js components, and more.
- Expert Googler when problems/bugs arise.
- Strong analytical skills with ability to quickly identify client's needs and goals and quickly formulate workflow and mockup specifications.
- 20+ years Financial Service experience and avid user of Financial Trading software. Strong ability to recognize what makes great Financial Service Software..
- Creator and team member of "Most Disruptive Application - StockGEN" at UC Berkeley
- Friendly, knowledgeable and cooperative team-member who will see a project through all stages of development, starting with client surveys, mock-ups, application design, coding, debugging, testing to final app deployment/code maintenance/refactoring.
- Proactive, collaborative and helpful software engineer with a commitment to client satisfaction and functional code.

Technical Skills:

Operating Systems: Windows 10, MAC OS.

Methodologies: Agile, Waterfall, SCRUM.

Web Technologies: HTML/HTML5, CSS, Javascript, DOM, JSON, REST, ES6.

Version Control: GIT

Text Editor: Microsoft Visual Studio Code.

Code Storage: Local & GitHub

JS Libraries: React.js, Redux, Bootstrap, Reactstrap, Materialize, Materialize for React, GraphQL, Styled Components

Testing Tools: Mocha, Chai, Gest, Chrome developer tools.

Database: MySQL, MongoDB, MongoAtlas, Firebase

Deployment: Heroku, GitHub pages, Netlify

Environment: HTML5, CSS, jQuery, handlebars.js, React.js, Redux, Bootstrap, ReactStrap, MaterializeCSS, React MaterializeCSS, Javascript, JSON, MVC, MySQL, MongoDB, Firebase, Google Maps, GraphQL, Axios, Sequelize, Mongoose, REST, Postman, Cheerio, JSON, AJAX, Node.js, Express, Python, Django, Heroku, Netlify, Cloudinary, Visual Studio Code, Development Tools, GitHub, Windows 10

Education

Certificate in Javascript Full Stack Web Development, UC Berkeley Extension, Berkeley, CA
Bachelor of Arts, University of Wisconsin-Madison, Madison, WI

Experience

Sole Proprietor - Josh Silverman, Web Developer & Son **5/2018 - Present**

Responsibilities:

- Independant Full Stack Web Developer.
- Web-Site Volunteer Designer and Builder for Small Businesses and Community Services.
- Building a scalable Web Development Portfolio focusing on Full Stack React.js applications.
- Home Study Coding Instructor for a child.

Avatar Securities **1/2011 - 10/2017**

Responsibilities:

- Research and Analyze Emerging Life Sciences, Drug Development and Biotechnology Companies.
- Position firm capital to outperform the market.

Gruber & McBaine Capital Management **9/1997- 10/2010**

Responsibilities:

- Oversaw all trading activities and technology upgrades for a \$4 Billion Hedge Fund.

Morgan Stanley & Co. Inc. **6/1993 - 8/1997**

Responsibilities:

- Trading, Operational, and Technical Support for Trading Desks