



# Shehbaz Sherwani

Software Engineer

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## Applications

**Rentopia** | [www.myrentopia.com](http://www.myrentopia.com) | Software Engineer

*A property management solution for landlords to manage multiple properties, billing, and communication.*

- Architected a document upload process using React-dropzone, AWS S3, and Postgres
- Developed modularized components employing Redux state management
- Implemented an application email service with Nodemailer for user notifications
- Integrated direct-to-third party payments using Braintree API
- Utilized multi-factor identification with Google Auth

**Lifetime Capsule** | Software Engineer

*Web application that lets users 'bury' electronic heirlooms for future retrieval.*

- Exposed capsules via shareable public URLs utilizing unique keys and Express routing
- Refactored a SPA implementation to include AngularJS Routing
- Enacted password verification, strength check, and encrypted storage for a comprehensive user authentication process
- Employed scheduled service workers to expose capsules

**Yerba Buena** | Software Engineer

*Electronic medical records application designed for managing patient information in clinics.*

- Designed and interweaved multiple React views
- Constructed secure Redux state management for sensitive patient data
- Operated in a well-defined JavaScript stack including Flow (declarative data types), Jest (testing), and TravisCI (continuous integration)

## Experience

**FactSet** | Associate Product Manager 2016 - 2014 | Product Architect 2014 - 2011

*Financial analytics software platform for investment bankers and managers to research and analyze securities and portfolio performance.*

- Coordinated and actively developed product features and releases for the "FactSet Ownership" product
- Wrote the business logic for six widely used reports, the most heavily trafficked servicing over 17,000 unique users per month
- Developed strong skills in a proprietary functional programming language that integrated into both platform web applications and directly into clients' Excel templates
- Serviced and enhanced intelligent financial fetch codes which fed directly into a robust charting application
- Supported internal users and clients with language functionality and financial figures' compositions
- Established strategies to reduce code base footprints and report speed issues through a series of infrastructural and caching strategies.

## Technical Skills

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React | Redux | KOA | MongoDB | PostgreSQL | Git | RESTful APIs |

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AngularJS | Node.js | Express | HTML | CSS | AWS EC2 | AWS S3 | Heroku | jQuery | MySQL | Bower | Underscore.js | Webpack

## Education

**HackReactor** 2017

Advanced Software Engineering Immersive Program

**Bradley University** 2007-2011

B.S. in Management Information Systems

B.S. in Actuarial Science

## Interests

IoT and Home Automation, International Backpacking, Rock Climbing and Yoga