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KELLY WHITING

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Technical Skills

Front-end: JavaScript, React, AngularJS, Bootstrap, Material-UI, CSS, React Router, jQuery, HTML

Back-end: MySQL, MongoDB, PostgreSQL, ORMs, Node.js / Express, Ruby on Rails, Passport

Other: Git, Mocha, Chai, Trello, Heroku, Cron

Software Engineering Applications

Premiere | [Demo Video](#)

Search and recommendation engine for movies with upcoming release notifications based on user preferences

- Designed a user onboarding workflow and interactive display of recommended content with Material-UI
- Implemented server-side authentication and data rendering with EJS templates and React Router
- Integrated SQL and NoSQL databases to optimize complex insert and retrieval queries via ORMs
- Created a user notification system processed by a Cron job to send SMS messages via the Twilio API
- Managed Heroku deployment for a team of engineers with add-ons for MongoDB, PostgreSQL, Redis

FriendZone | [Demo Video](#)

Social network for finding new friends powered by a matching algorithm based on Twitter shared interests

- Created a multi-component UI interface in React for real-time peer-to-peer chat messaging
- Developed a compatibility algorithm to connect users based on interests collected from Twitter API data
- Handled friend and block lists in MongoDB that dynamically render components based on user input

PassPass

Online marketplace for buying and selling ClassPass fitness subscription classes

- Implemented Passport for session storage and authentication using both email and Facebook OAuth
- Generated dynamic page rendering with React Router based on authentication and other state data
- Utilized database pooling to ensure the SQL database remained active upon deployment

Professional Experience

Oenomad | Founder | www.oenomad.com 2015 - 2017

- Designed and developed full-stack code base for a travel application using Ruby on Rails and Postgres
- Directed product growth with outsourced resources for wireframe design, UX research, and mobile

YuMe | Director, Technology Partnerships 2012 - 2016

- Managed API integrations for ecosystem partnerships in the OTT video advertising market
- Designed a Salesforce compliance tracking tool to manage \$4M in expenses from 3rd party vendors

Infospace | Quality Assurance Lead & Technical Project Manager 2004 - 2007

- Responsible for development and execution of unit test plans on tier-1 wireless carrier Web/WAP stores
- Managed rollout of new products including technical planning, debugging, testing, and deployment

ADX Technologies | Database Developer & Software Engineer 2001 - 2004

- Certified by Microsoft as a SQL Server Database Administrator and .NET Applications Developer
- Designed database schemas and reporting software based on in-depth business process evaluations

Education

Hack Reactor | Advanced Software Engineering Immersive San Francisco, CA

University of Chicago, Booth School of Business | MBA, Entrepreneurship Chicago, IL

University of Miami | BBA, Computer Information Systems Coral Gables, FL

Additional

- **The Princess Project** | Corporate Board Member, Technology & Innovations Chair 2017
- **The University of Chicago Bay Area Alumni Board** | Board Member, VP of Programming 2016 – 2017
- Worked and studied abroad in **Mexico, South Korea, Monaco, and Costa Rica**