

Jerry Shanahan

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github.com/jerrys914 | linkedin.com/in/gerard-shanahan

TECHNICAL SKILLS

Strong: Javascript, React / Redux, Node.js, Express, MySQL, AngularJS, MongoDB, Passport.js, Git, Socket.io, CSS, HTML5

Experienced: PHP, C++, Linux, Gulp, Babel, Webpack, Backbone.js, Mocha, Chai, PostgreSQL, Bootstrap, Flexbox, Agile, AWS, Python, GraphQL, Apache

APPLICATIONS

Rhino Music | MySQL - React/Redux - Express - Node | rhino-music.herokuapp.com | github.com/Jerrys914/rhino-music

A web application for keeping up to date with all things related to music, in your own custom way

- Interacted with and maintained mySQL database to persist custom user data and content
- Designed scalable backend utilizing Express and functional micro servicing via multiple Node servers
- Implemented fluid React/Redux flow to create a high performance front end structure
- Used Webpack, Babel, and Gulp for seamless web development
- Client interface stylized with CSS, Bootstrap, Semantic UI, and Material UI

AppTrack | MySQL - Express - Angular - Node | apptrakk.herokuapp.com | github.com/Jerrys914/AppTrack

A task manager that uses an intuitive interface to help users organize job search history based on companies, positions and deadlines.

- Inherited existing codebase and engineered features to improve user experience and interaction through the job application process
- Built the front-end using AngularJS to send, receive and filter user input data seamlessly
- Generated JSON Web Tokens and encrypted password using the bcrypt hash method to secure user authentication
- Automated real-time email updates sent weekly to track your job application stats using SMTP and nodemailer

Fantasy Fusion | MySQL - Express - React/Redux - Node | github.com/Jerrys914/dynasty

Multi-Sport Dynasty Fantasy League

- Created scalable MySQL database schema to cache API results and league/team data
- Implemented web sockets to produce live draft rooms per league and sport
- Utilized mailgun to send custom invites for users to join leagues

Football Stat Keeper | Linux - Apache - PHP | footballstatkeeper.com | github.com/Jerrys914/football-stat-keeper

Dashboard for keeping track of football league and player statistics

- Authorized users using PHP cookies and session storage to keep logins persistent.
 - Apache server and custom flat file database to store data like users, team and game info along with statistical player data
 - Implemented sorting and filtering of player or team statistics for user to view
 - Created dashboard for account management along with admin capabilities for entering and editing stats
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PROFESSIONAL EXPERIENCES (References available upon request)

Hack Reactor, Hacker-in-Residence

- Assisted current students' understanding of CS fundamentals such as data structures, instantiation patterns, client- and server-side techniques, database and deployment through daily 1-on-1 office hour sessions and help desk requests
- Advised students on building modern, full-stack web applications, sharing experience in JS libraries and frameworks
- Conducted daily technical admissions interviews for prospective students to evaluate current level of coding ability, communication skills and if the applicant has the overall skills needed to be accepted.

Beach Bar At Hudson Park, Co-Owner/Manager

2011 - 2015

- Led recruiting, training and motivating staff of 20+ employees
- Performed regular stock-takes and ordering as necessary / handling deliveries
- Enforced health and safety rules / Adhere to budgets, increase profits and managed cash flow

City of New Rochelle, Junior Civil Engineer

2013 - 2015

- Supervised medium-sized road maintenance/construction projects to ensure work is done correctly and within budget
 - Perform in-person check-ins to confirm all projects stay within proposed scope of work and the given timeline
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EDUCATION

Hack Reactor, Advanced Software Engineering Immersive Program

2017

Westchester Community College, Civil Engineering

2011 - 2013

Relevant Coursework: Computer Science classes - C++ based