KARIM SHAKIR

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FULL-STACK SOFTWARE DEVELOPER

TECHNICAL SKILLS

Java, Ruby, Rails, JavaScript, VueJS, HTML, Node, CSS, PostgreSQL, SQL, NoSQL, Webpack, React, jQuery, Intellij-IDE, RESTful APIs, Unit Testing, TDD / BDD, Github, Agile, Pair Programming, Terminal/Unix, JIRA

RECENT PROFESSIONAL EXPERIENCE

● **Weight-A-Minute:** A weight tracking application that allows one to join peer groups and have weight loss competitions as a form of encouragement. [Ruby on Rails (backend), React.js, (frontend)] **[10/2019]**

● **Page-Turner:** A book search application that recommends critically acclaimed books based on a specific genre. [React.js, (frontend)] **[8/2019]**

● **Transit-Route:** A program that filters transit routes, by parsing data to determine the shortest route between two locations and/or with a maximum number of stops; Developed in an agile/team environment.

[Java (backend)] **[5/2019]**

● **Performance Review:** An employee review application that allows employees to rate themselves and peers, providing data to managers for performance reviews. The application restricts access to certain features based on employee status (ie. manager). Developed in an agile/team environment.

[Ruby on Rails (backend), Vue.js, D3.js (frontend)] **[3/2019]**

● **Root-Cause:** A web application that tracks the circumstances surrounding a user's craving or usage of a controlled substance and then parses the collected data and presents dynamic statistics, tables, and graphs that identify likely addiction triggers; providing vital data to users and counselors needed to customize a prevention/recovery plan. [Ruby on Rails (backend), Vue.js, D3.js (frontend)] **[12/2018]**

WORK HISTORY

Assistant Instructor, Actualize Coding Bootcamp   **Mar 2019 –Present**

● Support the understanding and application of object-oriented programming, database design, RESTful APIs, and front-end development using Ruby, Rails, JavaScipt, Vue.js, HTML, CSS, SQL, and Git.

Web Developer, Independent Consultant   **Mar 2017– Present**

● Apply solid object-oriented programming skills to build applications for clients.

Engineering Consultant, SSM Building Systems   **Oct 2012 – Mar 2017**

● Used Metasys HVAC software to write programs that managed mechanical systems in the field.

Land Developer, SS & M Properties and Construction   **Jul 2009 – Oct 2012**

● Managed teams that built and designed homes throughout the Chicagoland area.
● Provided architectural redesigns.

Applications Engineer, JCI Inc.   **Jul 2004 – Jul 2009**

● Used Metasys software to program control modules for commercial HVAC systems.
● Provided application support to installation teams in the field.

EDUCATION

Actualize Coding Bootcamp   **Jul 2018 - Dec 2018**

University of Illinois Urbana/Champaign   **B.S. Mechanical Engineering**