

KARIM SHAKIR

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FULL-STACK SOFTWARE DEVELOPER

SKILLS

Ruby, Rails, JavaScript, Vue, HTML, Node, CSS, SQL, Webpack, React, Redux, jQuery, Postgres, IntelliJ-IDE, RESTful APIs, Unit Testing, TDD / BDD, Github, Agile, Pair Programming, Terminal/Unix, Java

RECENT PROJECTS

- **Root-Cause:** A web application that allows the user to quickly enter data regarding the craving or usage of an addiction. App parses data and presents dynamic statistics, tables and a Data Driven Document (D3) graph that is user specific and identifies likely addiction triggers. The application provides vital data to user and counselors needed to customize prevention/recovery plan. [Ruby on Rails (backend), Vue.js, D3.js (frontend)]
- **Performance Review:** An employee review application that allows employees to rate themselves as well as peers, providing data to managers for performance reviews. The application also identifies employees based on login, and allows access to certain features based on employee position(ie. manager). Developed in an agile/team environment. [Ruby on Rails (backend), Vue.js, D3.js (frontend)]
- **Transit-Route:** A program that analyzes different transit routes, by parsing the data to determine the shortest route between two locations; the number of routes with a maximum or exact number of stops; or if such a route even exist.Developed in an agile/team environment [Java (backend)]
- **Page-Turner:** A book search application that recommends critically acclaimed books based on a specific genre. [Ruby on Rails (backend), React.js, (frontend)]
- **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), Vue.js, (frontend)]

EXPERIENCE

Assistant Instructor, Actualize Coding Bootcamp

Mar 2019 –Present

- Assist with the instruction and training of software developers.

Web Developer, Independent Contractor

Mar 2017– Present

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

Engineering Consultant, SSM Building Systems

Oct 2012 – Mar 2017

- Wrote programs that managed mechanical systems in the field.
- Managed HVAC engineering projects out to qualified engineering firms.

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

- Programmed control modules; wrote sequence of operations for commercial HVAC systems.
- Provided applications support to installation teams in the field.

EDUCATION

Actualize Coding Bootcamp

Jul 2018 - Dec 2018

University of Illinois Urbana/Champaign

May 2004

Bachelor of Science in Mechanical Engineering