BITA DJAGHOURI

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TECHNICAL SKILLS

Strong: Node, Javascript, React, Redux, Express, Electron, jQuery, Postgres, Mongo, TDD, HTML/CSS, Git
Experienced: Angular, OAuth, Webpack, Rails, Enzyme, Jest, Mocha, Chai, Heroku, Photoshop, Illustrator, Adobe CC Suite

EXPERIENCE

Software Engineer and Cofounder - Reactide.io | The first IDE designed exclusively for building React applications   2017
- No. 1 trending repository and developer on GitHub with over 6,900 stars, outpacing both Google and Facebook
- Automated build tooling and hot module reloading by configuring a dynamic Node, webpack, and Babel transpiling package
- Created custom React rendering method for simulation of component tree hierarchy and property chain navigation
- Tested immutability of state store for efficient time travel using Enzyme, Chai, and Mocha
- Implemented navigable state flow visualization and component/action/reducer libraries enhancing developer productivity
- Designed Redux architecture through separation-of-concerns and unit-tests of function purity increasing stability and scalability
- Managed large component, action, and reducer libraries by designing a JS syntactic analysis algorithm to allow code indexing

Quality Engineer - Originate, Inc.   2015 - 2016
- Wrote cucumber test scripts and step definitions for flagship client using JavaScript and Node
- Designed integration, end-to-end, regression, and unit testing architecture and test case inventory using Atlassian and Jira

Backend Engineer - Spylight, Inc.   2015
- Optimized database calls by refactoring raw SQL database calls to use Rails activerecord query interface
- Wrote unit and integration tests using RSPEC in order to facilitate TDD in an otherwise untested application

Hackstar - Disney Accelerator Powered by Techstars   2014
- Developed a custom web application allowing remote mentors to provide feedback on company pitches for the first cohort of the Disney Accelerator portfolio companies

Expert-in-Residence - General Assembly   2014 - 2015
- Built online yearbook using Angular to manage front end components, with Firebase database to utilize JSON structure to store student profiles and seamless integration with Angular
- Guided 60+ junior developers through backend web development fundamentals by writing custom curriculum including Ruby, Rails, Sinatra, PostgreSQL, OOP, MVC and TDD

Developer - Hello Ma Belle, DeFete, Inc., and Deux Lux, Inc.   2010 - 2014
- Built Rails application using Postgres for tracking custom productions and incoming international shipments
- Customized frontend and backend Shopify e-commerce sites using Shopify's proprietary backend language
- Converted raw product inventory data into formatted CSV using VBA Scripts for batch uploading products
- Developed and deployed private look-book site using HTML/CSS and JavaScript for loading AJAX requests to Instagram API

PROJECTS

Omebe | Collaborative whiteboarding web application
- Using React for front end components, HTML canvas for live-drawing capabilities
- Utilized Web Sockets to allow multiple users to access application simultaneously collaborate in real-time

Web Form Generator | Full stack application for user-generated forms, and surveys
- Dynamically generated user-created forms using React, Postgres, and Node for responsiveness, data validation, and portability
- Integrated React Router in order to dynamically update view components, reducing render time
- Increased security implementing authentication using OAuth, JWT sessions and encryption

EDUCATION

University of California, Los Angeles | BA, American History with minor in American Literature and Culture   2004 - 2007
- Relevant coursework: Java, C++, and Cognitive Science

University of California, Hastings College of the Law   2008 - 2010
- Relevant coursework: Internet Law, Intellectual Property, Civil Procedure, Torts

Stanford Center for Professional Development   2012
- Relevant coursework: Java, C++, and Algorithms

INTERESTS

Landscape photography, canyoning, sky-diving, international travel, astrophysics, Rainbow Road, Timshel