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Brandon McNary

TECHNICAL SKILLS

Experienced: JavaScript, Node, Express, MongoDB, Git, AngularJS, Jquery, Heroku, Postgres, SQL, HTML5, CSS3, bcrypt, Knex
Familiar: Yeoman, CoffeeScript, Mocha, Jasmine, Mustache, Mongoose, AWS, Gulp, Grunt

SOFTWARE ENGINEERING EXPERIENCE

Lead Technical Consultant | WEXUS - *www.wexusapp.net*   2014

Wexus is an online analytics platform which converts massive water and power data sets into actionable insights for farmers
● Migrated Parse database and queries to Heroku / Postgres and decreased overall application query time by 66.67%
● Designed and built an API to derive cost and other cost related items from upload data sources including electricity (kWh), power (kW), and water
● Designed and built a restful API to handle user related data queries from both customer and internal clients
● Implemented a caching system to serve up previously run front end queries
● Setup automated deployment to both AWS and Heroku

Product Owner & Software Engineer | WEXUS - *www.wexusapp.net*   2014
● Identified the need for the application to migrate to a relational database for issues with scalability and successfully implemented the proposed changes
● Created functions to stream 40,000 row CSVs into database and then convert them into visual and easy to comprehend data for the end user
● Modified the existing front-end authentication system and extended it to cover another internal portion of the application
● Implemented over 10 AngularJS services to serve as the starting point for any data related query

Product Owner & Software Engineer | Crave   2014

Crave was an online web application which allowed users to review specific dishes around the city
● Created Node and Express server with REST API endpoints
● Implemented a MongoDB database containing thousands of dishes and restaurants using Locu API
● Designed and implemented persistent user authentication using Facebook/Google OAuth
● Constructed a back-end API to store and return data on dishes, images, and restaurants

FINANCE PROFESSIONAL EXPERIENCE

Financial Systems Manager | H.I.G. Capital - *www.higcapital.com*   2012 - 2014

H.I.G. Capital is a Private Equity fund with $15 billion assets under management
● Converted and transferred millions of lines of historical fund accounting data into a SQL database for fund integration into system on a project by project basis
● Analyzed and condensed massive historical data sets and built fund performance reports and metrics analysis for accounting and deal teams, and investors within the fund
● Key projects included the creation of financial statements, waterfall modeling, carry analysis, and internal rate of return (IRR) calculations that are gross and net of carry by fund, deal or investor
● Constructed reports that supported the financial decision making of the CEO and other critical activities such as SEC audits, potential Mergers and Acqusitions, and Quarterly Reports for investors in the fund
● Utilized test driven development to vet reports before dissemination to interested parties
● Led over 20 full fund integrations into our system including project scoping, translating large data sets into useable reporting data, report building, and the test driven development of those reports and data

Project Manager | Citco Fund Services - *www.citco.com*   2010 - 2012

Citco Fund Services is a leading Private Equity fund administrator with approximately $816.5 billion assets under administration
● Promoted four times in two years -- from Junior Analyst to Project Manager
● Analyzed millions of lines of historical accounting data and oversaw the transfer of over fifty funds' data into a SQL database
● Designed and built dynamic reports using large data sets for SEC auditing, financial decision making of each fund, and investors within those funds
● Managed new client on-boarding and report building for major Private Equity funds including Apollo, BlackRock, Blackstone, and K.K.R.

Investor Relations Analyst | Citco Fund Services - *www.citco.com*
● Completed key compliance checks for new partners to maintain and uphold Sarbanes Oxley audit standards

EDUCATION

Hack Reactor | Advanced Software Engineering Immersion (San Francisco, CA) - *hackreactor.com*   2014
Indiana University Kelley School of Business   2010

Major in Finance, Minor in Spanish with Study Abroad in Barcelona, Spain
● Extensive study of the Spanish and Catalan cultures through classroom and host family experience