Seth J Kalkstein

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Summary

Full-Stack language-agnostic software developer, seeking full-time employment to code solutions focused on business logic; interested in a company looking to grow their future senior developers from within that values teamwork.

Technology

JavaScript, PHP, Java, Ruby, Node, Express, React, HTML5, CSS3, Typescript, Ruby on Rails, WordPress, CakePHP, jQuery, MySQL, SQLite3, MongoDB, SASS, Linux, AWS, Apache Webserver, BASH script

Experience

Software Development: University of Pennsylvania School of Medicine, Full-Stack 1/2020 - Present

Overview: Create new features, fix bugs, and maintain a full-stack back-end heavy multi-user restful web application using Linux, Apache, MySQL, PHP, CSS, HTML, jQuery, vanilla JavaScript, and SQL on the CakePHP MVC framework. The application tracks scheduling logistics, casting criteria, and finances for simulated medical visits. See https://www.med.upenn.edu/spprogram/spms/ for details.

Highlighted accomplishments: Increased customer base by creating a comprehensive control panel for administrators to manage content and customize features. Used JSON representation of ORM query to check data conflicts in real time for rescheduling edits. Created drop-down lists sorting most popular first, then alphabetical for remaining items with special front-end formatting.

Other Selected Tasks: Controlling user/admin permission/access, updating deploy scripts, time conversion/math, building error messages, mobile search for select box, factoring existing code to make it reusable and to make previously hard-coded data dynamic, conditional front end display based on user status, ability to rearrange customized content, improved UX/UI, modeling and remodeling data, data validation, BitBucket repo maintenance, RDBMS management, quality assurance, testing, generating reports using direct SQL queries outside the app and ORM inside the app, system configuration, ability to turn features on/off, creating warnings and limitations to reduce data entry errors.

General Duties: Communication with project owner/supervisor to interpret and balance operational needs into business logic & actionable code, then coding and documenting it. Documentation: Code comments, informative variable/method names, Git/BitBucket comments, read-me files, ERD and sample code/commands. Aiding customers (other institutions) in deploying our software.

Real Estate Sales: Elfant Wissahickon, Realtor 11/2016-12/2019

Relevant Technical Duties: Wrote algorithms in mailer spreadsheet to filter duplicates and extract names. Analyzed data. Tracked current & past metrics with precision in size & localization to optimize property valuation.

General Duties/Skills: Quick response time with agreeable demeanor and outstanding customer service. Provided flexible and attentive guidance, giving detailed research and documentation to clients. Collaborated with colleagues on a regular basis. Highest increase in sales volume for an individual agent (out of over 100 agents) at Elfant Wissahickon Realtors, 2018.

Retail, Gourmet Food: SJK Consulting, Management Consultant (see LinkedIn for clients) 8/2009-11/2016; Di Bruno Bros, Manager & Buyer 9/2004-8/2009; Ardmore Cheese, Manager & Buyer 11/1997-9/2004

Relevant Technical Duties: Built spreadsheets using if statements, problem-solving for sales/buying data and sales/labor variance. Shaped data for POS system using string functions and conditional calculations. Automated scheduling & PO/Invoice Conversions.

General Duties/Skills: Oversaw team-building initiatives, operations, employee & management training, negotiation, merchandising, billing, product research, regulation compliance, and policy documentation. Applied growth-oriented approach to increase sales, quality, profit margin, customer service, and productivity while reducing prices, waste and turnover, even through a major recession.

Other: Acme, Deli Clerk 3/2020-9/2020; Uber, Driver 1/2017-1/2020; Birchrun Hills Farm, Cheese Monger 4/2012-10/2016; Philly Italia, Owner & Importer 1/2014-4/2016

Professional Development

Coding Bootcamp: Full-Stack Software Development (New York Code and Design Academy, 9/2018-12/2018)

Full-time 14-week intensive program, methodologies including OOP, CRUD, Git, MVC, TDD, pair-programming, AGILE, and SCRUM.

Accomplishments

- Conducted classes, employee training, educational tours, public speaking engagements and events for University of Pennsylvania, Penn State, Philadelphia University, Perrier Restaurants, City Food Tours, Fair Food, Lacroix, Di Bruno, Tria, and private venues.
- Specialty Food Association Specialty Retailer of the Year 2006, Best of Philly 2005, and Best of Philly 2000.
- Featured press: *Phila. Inquirer* 5/12/2005 & 2/15/2007, *Main Line Times* 11/4/2003, *Phila. Weekly* 3/7/2007 & 9/17/2009.
- 2010 PASA Conference Speaker: Retail & restaurant market gaps for farmers to fill. Re: local cheese production, profitability, and trends.