PHILIP CARLSON

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Summary

Seasoned engineering professional with over twenty years of experience developing production quality applications and leading teams that take business ideas from inception to release.

Experience

Consultant, 9/2014-5/2021

Created a series of web-based applications, using different versions of Angular on the front end, Node.js, AWS Lambda and MS Azure function based APIs, with MongoDB and MS SQL Server for the databases. Responsibilities included: information design, visual design, improving user experience, development of client-side applications, server API and supporting services, as well as development operations and infrastructure setup, such as continuous deployment. Have provided technology assessment, architectural advising, platform integration implementations, hiring and mentoring of other team members. Additionally, I have worked on designing and producing print and digital assets, including websites for small companies.

Mindjet, 12/2007-9/2014

Manager / Sr. Manager, Web UI Engineering

Led multiple teams and individual contributors across different technologies, and product lines, including mobile, web, and native OS applications. Responsible for interviewing, hiring, mentoring new team members, paired-programming, and helping to facilitate progress on engineering goals. Other duties: interacting with Product Management to determine specifications, working with QA to address defects and with Community Managers for Engage product to ensure customer upgrades go smoothly, managing contractor resources, technical research and leadership.

Sr. Software Engineer

Hired as first Flex developer and technical lead on team bringing new web delivered Flex based MindManager client. Duties included providing expertise in Flex/Flash/ActionScript standard practices, refactoring the application architecture for optimization and modularity, addressing defects, responding to production issues, and participating in the design of the

application architecture. Became official team lead in 2011, and took on roles of tasking, and resource management.

ShareChive, 6/2001-12/2007

Lead UI Developer

Designed and implemented both database and object oriented application architecture for large, medium and small modules in the company's application suite. The various modules' purposes ranged from data collection, data dissemination, charting, graphic creation and storage, and intra-suite navigation. Technology highlights: ASP, Flash/Flex/ActionScript, PHP, SQL, Postgres. Other duties included managing and training junior developers and coordinating with contractors.

Abacus Technologies, 12/1998-12/2000

Web Developer

Developed a weather information subscription system designed to allow military users to input, receive and manage their subscriptions to weather information. Brought site up to required level of security standards set by the United States Air Force by screening user input, using server certificates, and implementing SSL.

Relevant Skills / Technologies

Agile, Scrum, JavaScript, Typescript, jQuery, HTML, CSS, SASS/SCSS, Bootstrap, Node.js, NPM, PHP, PDO, Express, Vue, Angular 1, 2+, SQL, PostgreSQL, MySQL, MongoDB, Gulp, Webpack, Heroku, Semaphore, DevOps, Git, Docker, Photoshop, Illustrator, Photography

Education

BBA in Management Information Systems, University of Oklahoma, 1999

Awards and Acknowledgements

Certified Scrum Master, Scrum Alliance, 9/2014 – 9/2016