

# ■ Matthew Roskam ■

## Software Developer

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### Summary

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A software developer with experience leading teams in system design, coding in multiple languages, debugging and deploying., who enjoys the collaborative nature of well executed projects, always looking for “+1” opportunities to exceed expectations.

### Skills

#### Leading:

- Software design
- Team building
- Testing & debugging
- Deployment

#### Languages:

- HTML, CSS, JavaScript
- PHP, & MySQL
- MERN stack
- Visual Basic, VBA, C++, SQL

#### Software:

- Adobe Photoshop, InDesign, Illustrator, XD
- Microsoft Word, Excel, Access, PowerPoint, Visio, Visual Studio
- Crystal Reports, Chai, and Mocha.

### Experience

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#### Projects

- Designed and programmed solutions for data input, manipulation, and reporting including database design, integrating existing information from multiple sources, such as spreadsheets, csv, and relational databases (Access, SQL, and Oracle) and providing a user interface that allowed for ‘on the fly’ data reporting and visualization in a real-time environment - *Memphis, TN*
- Led programming teams in software architectural design, programming, testing, debugging, and implementation of robotic systems with database integration utilizing Agile, Scrum, and UML. - *Across US*
- Built system simulators for conveyor, sortation, and robotic systems to aid in design for system engineers. These simulations used object-oriented programming techniques and patterns to provide easy reconfiguration of system elements for optimizing the system before engineering. This significantly reduced design-time and provided rapid proof of concept models for clients. - *Birmingham, AL*
- Built web solutions implementing modern web programming tools and libraries to create a compelling user experience with powerful functionality on the back end using MERN stack, PHP, and databases. - *Orlando, FL*

#### Work

Freelance Web Developer 2018-Present

- Develop websites for organizations and businesses utilizing multiple technologies and libraries
- Utilize the latest software for database connection, web APIs, and libraries
- Consult services for clients needing customized web solutions

Senior Administrator, Chelsea Creek CC — 2005-2017

- Developed websites
- Setup, extended, and maintained database software
- Managed the administrative staff in day to day operations and organizational development
- Wrote training curriculum and procedural documentation
- Trained and developed leaders

Lead programmer, Roskam Robotics Birmingham, AL

- Designed software solutions for industrial applications
- Led development teams using Agile, SCRUM, and UML modeling
- Wrote software documentation and user guides and taught training classes
- Worked with vendor and partners to develop full turn-key solutions for clients

#### Education

University of Central Florida – Full Stack Web Development - 2018

Samford University - Bachelor of Arts