

Michael Carter

Senior Software Engineer

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SUMMARY

Dedicated Senior Software Engineer with over a decade of experience creating scalable applications in web and cloud settings. Extensive background in full-stack development, strong problem-solving skills, and collaborative abilities shine through projects and team efforts. Known for building efficient digital platforms that improve workflows and enhance system performance. Expertise extends to leveraging AI technologies for practical engineering solutions while ensuring compatibility across modern and legacy systems. Engaged in making informed technology recommendations aligned with business objectives, fostering communication between diverse teams, and driving continuous improvement within developmental processes.

EXPERIENCE

Senior Software Engineer

Tech Innovations Corp 📅 January 2020 - Present 📍 Remote

Leads software design and development for high-impact projects focusing on scalability and efficiency. Drives implementations for cloud solutions that empower improved functionality and user experience. Collaborates closely with product managers and design teams to align developments with strategic goals, ensuring project delivery meets the highest standards.

- Designed and developed robust applications using modern frameworks that delivered exceptional user experiences.
- Took ownership of project components, guiding them from conception through deployment, confirmed stability post-launch.
- Implemented automation-driven strategies that streamlined processes, reducing approval times and increasing productivity.
- Facilitated cross-team collaboration, fostering innovation through workshops addressing technical challenges.

Full Stack Developer

Bright Futures Tech 📅 June 2016 - December 2019 📍 Chicago, IL

Developed and maintained comprehensive software packages designed primarily for eCommerce applications that drove sales and customer engagement. Integrated different database solutions with web services contributing to enhanced functionalities for mobile and desktop users.

- Built and maintained RESTful APIs being pivotal in connecting frontend interfaces to backend servers seamlessly.
- Analyzed performance metrics, pinpointing bottlenecks directing significant upgrades boosting application efficiency.
- Mentored junior developers, strengthening team capabilities while elevating code quality through system checks.
- Championed best practices in software engineering establishing rigor around testing and deploying processes.

Software Engineer

Innovative Tech Solutions 📅 August 2012 - May 2016 📍 Naperville, IL

Contributed to numerous software projects while enhancing programming skills across various programming languages influential to application success. Effectively advocated for system improvements during brainstorming sessions leading into production-ready environments.

- Collaborated in refining company coding practices significantly cutting down bugs by integrating systematic review cycles.
- Supported deployments for big data integration projects streamlining processing time effectively.
- Evaluated new technologies, suggesting tools that catalyzed enhancement in overall operational efficiency.
- Played critical roles in customer-facing engagements frequently explaining detailed technical specifics simply.

PROJECTS

E-commerce Platform Enhancement 📅 March 2023

Partnered in a team drive revamping an outdated eCommerce platform. Resulted in increased user engagement and transaction volumes achieved through responsive design and integrated marketing tools.

Legacy System Modernization 📅 June 2025

Spearheaded a modernization effort of legacy systems crucial to operations ensuring compatibility and functionality were preserved as services transitioned to more current technologies without loss of access.

LEADERSHIP & AWARDS

- Best Innovator Award for 2021: Recognized for outstanding contributions to improving workflow processes at Tech Innovations Corp.
- Employee of the Month for January 2023: Acknowledged for delivering key project milestones ahead of schedule amidst challenging deadlines.

EDUCATION

Master's Degree in Computer Science

University of Illinois 🎓 GPA: 3.8 📅 2016 📍 Champaign, IL

Coursework: *Software Development, Data Structures, Algorithms, System Architecture*

Bachelor's Degree in Information Systems

University of Illinois 🎓 GPA: 3.7 📅 2012 📍 Champaign, IL

Coursework: *Database Management, Web Programming, Network Administration, Cloud Computing*

CERTIFICATIONS

- Certified Scrum Master 📅 2020
- AWS Certified Solutions Architect 📅 2021

TECHNICAL SKILLS

- **Development Frameworks:** React, Angular, Node.js
- **Cloud Technologies:** AWS, Azure, Google Cloud
- **Languages:** Java, Python, JavaScript
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Project Management Tools:** JIRA, Trello, Asana
- **Version Control:** Git, GitHub, Bitbucket
- **Testing Frameworks:** JUnit, Mocha, Selenium
- **CI/CD Tools:** Jenkins, CircleCI, Travis CI
- **Automated Testing:** Cucumber, Jest, Robot Framework
- **Security Protocols:** OAuth2, JWT, HTTPS

SKILLS

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|--------------------------|-------------------------------|--------------------------|---------------------------|
| • Software Engineering | • RESTful API Development | • Code Optimization | • Automation Tools |
| • Full Stack Development | • Database Management | • Agile Methodologies | • Integration Frameworks |
| • Cloud Solutions | • AI Integration | • Team Collaboration | • Technical Documentation |
| • Application Design | • System Performance Analysis | • User Experience Design | |

PROFESSIONAL AFFILIATIONS

- Member of IEEE Computer Society: Actively participated in knowledge-sharing activities enhancing member expertise.
- Participant in Local Hackathon Groups: Contributed innovative ideas and solutions during various coding challenges to strengthen community engagement.

LANGUAGES

- English (Native)
- Spanish (Beginner)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST