



# Ethan Brooks

## Lead Software Engineer

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### SUMMARY

Accomplished Lead Software Engineer with over 8 years developing and modernizing enterprise web applications. Focused on creating reliable, scalable solutions while transforming legacy systems into hybrid architectures. Skilled in .NET technologies alongside a rich frontend experience using HTML, CSS, JavaScript, Angular, React, jQuery, and WebForms. Hands-on involvement complements technical leadership, ensuring application delivery meets high standards. Passionate about leveraging DevOps practices for heightened system performance and efficiency. Provides hands-on support for both modern cloud platforms and traditional on-prem environments, continuously advocating for best engineering practices.

### STRENGTHS

- 👥 Collaborative Leadership**  
Fostered a collaborative culture that empowered teammates and streamlined problem-solving. Encouraged open communication within teams.
- 🔄 Agile Methodologies**  
Led transformations applying agile methodologies, substantially improving team productivity and morale.
- ⚙️ Technical Architectural Design**  
Specialized in architectural designs improving system robustness while addressing stakeholder needs efficiently.
- 📈 Continuous Improvement Advocate**  
Promoted a mindset of never settling, driving process improvements, and optimizing legacy systems.
- 🗣️ Cross-Functional Communication**  
Unified various teams under common goals mapping tech language into understandable terms for stakeholders.

### SKILLS

C# Azure HTML CSS  
JavaScript ReactJS Angular  
DevOps .NET jQuery WebForms  
CI/CD Maintenance  
Troubleshooting Cloud Solutions

### EXPERIENCE

#### Lead Software Engineer

Tech Solutions Group 📅 March 2021 - Present 📍 Schaumburg, IL

Oversaw modernization initiatives for enterprise applications, driving both strategic decisions and hands-on development. Worked closely with senior developers to design impactful architecture and migration strategies that align business goals with technology. Actively contributed to high-impact projects using .NET and related frameworks while guiding cross-functional teams.

- Directed modernization strategies for outdated systems, ensuring robust transitions to new platforms.
- Collaborated with stakeholders to establish clear architectural frameworks for future developments.
- Engaged in coding tasks across frontend and backend to ensure quality and consistency of deliverables.
- Monitored application metrics and addressed production issues, effectively improving user satisfaction.

#### Senior Software Engineer

Innovatech Corp 📅 January 2018 - February 2021 📍 Schaumburg, IL

Led the development team in redesigning web applications focusing on user experience and scalable infrastructures. Implemented agile principles to enhance collaborative workflows, resulting in timelier project completions without sacrificing quality. Assumed pivotal role in creating seamless integration between front end and back-end technologies.

- Designed and developed modern web applications using leading technologies, ensuring adherence to performance standards.
- Cultivated strong developer partnerships across teams for synchronized delivery efforts.
- Instituted testing protocols and CI/CD pipelines that upheld continuous improvement.
- Initiated workshops focused on educating teams about evolving technologies and methodologies.

#### Software Engineer

Global Tech Services 📅 June 2014 - December 2017 📍 Remote

Focused on enhancing software applications while managing daily operations and providing essential troubleshooting support. Participated in full software development lifecycle from requirements gathering through implementation and maintenance. Prioritized customer needs and iterated quickly based on feedback to ensure application efficacy.

- Successfully adapted legacy systems through thoughtful redesigns aimed at scalability and responsiveness.
- Maintained communication with client-facing teams to gather actionable insights informing development cycles.
- Executed regular system updates entrusting enhanced security and compliance measures were implemented promptly.

## LANGUAGES

English Native

Spanish Intermediate

## MY CAREER



- Lead Software Engineer at Tech Solutions Group (5.2 Years)
- Senior Software Engineer at Innovatech Corp (3.1 Years)
- Software Engineer at Global Tech Services (3.5 Years)

- Enhanced incident management processes ensuring faster resolution times for critical applications.

## PROJECTS

### Enterprise App Modernization Project 📅 February 2023

Champion in the Enterprise App Modernization Initiative, revolutionizing organizational practices. Played dual role facilitating discussions between developers and stakeholders, establishing architecture guidelines promoting forward-thinking solutions. Additionally, introduced training programs emphasizing best practices in legacy system transformation.

### Legacy System Integration 📅 October 2022

Spearheaded integration of legacy systems with modern web services. Formulated a stepwise approach allowing incremental upgrades maintaining operational capabilities. Engaged different departments ensuring minimal disruption during the deployment phase.

## LEADERSHIP & AWARDS

- Employee of the Year at Tech Solutions Group for outstanding contributions to enterprise software development and team mentorship.
- Best Innovator Award from Innovatech Corp recognizing exceptional ability in encouraging innovative methods within development teams.

## EDUCATION

### Master's Degree in Computer Science

Illinois State University 🎓 GPA: 3.9 📅 2016 📍 Normal, IL

**Coursework:** *Software Engineering Principles, Database Management, Web Development, Data Structures*

### Bachelor's Degree in Information Technology

University of Illinois at Chicago 🎓 GPA: 3.7 📅 2014 📍 Chicago, IL

**Coursework:** *Web Development, Networking Fundamentals, Systems Analysis, Agile Methodologies*

## CERTIFICATIONS

- Microsoft Certified: Azure Developer Associate 📅 2022
- Certified Scrum Master 📅 2021

## TECHNICAL SKILLS

- **.NET Framework:** Core Engineering
- **Web Technologies:** Frontend Development
- **DevOps Practices:** Deployment Automation
- **Database Management:** SQL Integrity
- **Monitoring Tools:** Application Support
- **User Experience:** Front-End Optimization
- **Legacy Systems:** Transformation Methods
- **Cloud Infrastructures:** Integrating Solutions
- **Collaboration Techniques:** Cross-Disciplinary Work
- **Incident Management:** Root Cause Analysis

## PROFESSIONAL AFFILIATIONS

- Member of the Association for Computing Machinery focusing on continuous professional development and networking.
- Participated in Hackathon events aiming to foster collaboration and learn new technologies with peers.

## ADDITIONAL INFORMATION

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

## REFERENCES

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AVAILABLE ON REQUEST