

# Svetlana Greer

## Software Engineer

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### SUMMARY

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Enthusiastic Software Engineer with over six years of extensive experience in systems and performance engineering. Adept at developing innovative tooling and workflows that improve kernel development and optimization processes. Proven track record in AI-assisted systems, translating complex technical concepts into practical applications. Successful collaboration with diverse cross-functional teams has fostered improved observability and reliability across projects. Passionate about enhancing architectures through performance-focused strategies while maintaining a commitment to deliver high-quality software solutions.

### EXPERIENCE

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#### Software Engineer

TechBridge Solutions 📅 January 2021 - Present 📍 Dallas, TX

As a Software Engineer at TechBridge Solutions, responsible for advancing developer tooling and systems that optimize kernel performance.

- Lead enhancements of developer tools, streamlining kernel optimization workflows.
- Collaborated with teams on implementing observability solutions that heightened system reliability.
- Conducted detailed analysis to debug performance issues affecting production kernels.
- Engaged regularly with stakeholders to gather requirements and create actionable improvement plans.

#### Junior Software Engineer

NextGen Tech 📅 June 2018 - December 2020 📍 Houston, TX

Contributed to projects as a Junior Software Engineer by aiding in the development of tools focused on performance enhancement in low-level software.

- Assisted in creating debugging tools aimed at optimizing system performance.
- Supported AI-driven initiatives to enhance user workflows and functionality.
- Worked alongside senior engineers in executing kernel validation tasks.
- Contributed insights during team discussions that shaped project directions.

#### Intern

CodeCraft Innovations 📅 June 2016 - May 2018 📍 San Antonio, TX

During an internship with CodeCraft Innovations, developed small-scale performance evaluation tools while actively supporting ongoing research initiatives.

- Developed components that assisted in evaluating software performance metrics.
- Researched compiler systems and documented impacts on software efficiency.
- Participated in cross-team brainstorming sessions to drive innovative solutions.
- Gained hands-on experience in programming languages and performance assessment techniques.

### LEADERSHIP & AWARDS

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- Recipient of NextGen Tech's 'Innovative Contributor' award for exceptional performance in AI integration projects.
- Honored with TechBridge Solutions' 'Rising Star' award recognizing outstanding achievements in developing efficient workflow solutions.

### EDUCATION

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#### Bachelor's Degree in Computer Science

University of Texas at Austin 🎓 GPA: 3.6 📅 2016 📍 Austin, TX

*Coursework: Data Structures, Algorithms, Operating Systems, Software Engineering*

### CERTIFICATIONS

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- Certified Kubernetes Administrator (CKA) 📅 2021
- AWS Certified Solutions Architect 📅 2020

### TECHNICAL SKILLS

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- **Developer Tools:** GDB, Valgrind, Perf
- **Programming Languages:** C++, Python, Java
- **AI Frameworks:** TensorFlow, PyTorch, Keras

- **Cloud Platforms:** AWS, Azure, Google Cloud
- **Project Management Tools:** JIRA, Confluence, Trello
- **Version Control Systems:** Git, SVN, Mercurial
- **Containers:** Docker, Kubernetes, OpenShift
- **Operating Systems:** Linux, Windows, MacOS
- **Database Management:** MySQL, PostgreSQL, MongoDB
- **Soft Skills:** Communication, Teamwork, Leadership

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## SKILLS

- Systems Engineering
- Performance Optimization
- Developer Tooling
- AI-Assisted Systems
- Debugging and Diagnostics
- Kernel Development
- Observability Infrastructure
- Workflow Design
- Computer Architecture
- Compiler Systems
- Low-Level Programming
- Artificial Intelligence
- Machine Learning Integration
- Optimization Techniques
- Cross-Functional Collaboration
- Production Support

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## PROFESSIONAL AFFILIATIONS

- Member of IEEE Computer Society, engaging in continuous learning and networking within the engineering community.
- Active participant in Austin Coding Bootcamp, mentoring aspiring developers in software design principles.

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## LANGUAGES

- English (Native)
- Spanish (Intermediate)

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## ADDITIONAL INFORMATION

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

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## REFERENCES

AVAILABLE ON REQUEST