

Sarah Davis

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Phone: 773-367-7183

Location: Valerieville

Hourly Rate: \$132/hr

Total Experience: 8 years

Summary

Dynamic programmer with 8 years of experience in software development, specializing in machine learning and data analytics. Proven ability to lead teams, mentor junior developers, and communicate effectively across cross-functional teams. Strong problem-solving skills complemented by a background in public speaking and team leadership.

Education

PhD in Artificial Intelligence

Massachusetts Institute of Technology (MIT)

Rank: #1, GPA: 3.83

Skills

- **C++:** Intermediate (3 years)
- **Rust:** Intermediate (3 years)
- **Java:** Intermediate (3 years)
- **React:** Advanced (6 years)
- **PyTorch:** Advanced (5 years)
- **Data Science:** Intermediate (2 years)

- **Machine Learning:** Expert (7 years)
 - **Terraform:** Advanced (6 years)
 - **Azure:** Intermediate (3 years)
 - **Jenkins:** Intermediate (3 years)
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Soft Skills

- Public Speaking
 - Mentoring
 - Team Leadership
 - Problem Solving
 - Cross-functional Communication
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Languages

- English (Native)
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Certifications

AWS Certified Solutions Architect

Score: 737, Expiry: 2026-08-17

Experience

Senior Machine Learning Engineer

FinTech Company (Enterprise)

January 2020 - Present

- Developed a robust **Machine Learning Pipeline** that increased processing speed by 40% while maintaining accuracy. - Collaborated on an **API Gateway** to facilitate internal and external service communication, improving system reliability. - Mentored junior engineers, providing guidance on machine learning best practices and code optimization.

Software Engineer

E-commerce Platform (Startup)

June 2016 - December 2019

- Implemented critical features in the **Payment Processing System**, enhancing security and transaction speed.
- Utilized **React** and **PyTorch** to build intuitive user interfaces and machine learning models that improved customer engagement by 25%.
- Worked closely with product managers and designers to ensure alignment between technical and business goals.

DevOps Engineer

Tech Solutions Company (Enterprise)

August 2015 - May 2016

- Managed infrastructure using **Terraform** and **Azure**, leading to a 30% reduction in deployment time.
 - Integrated **Jenkins** for CI/CD pipelines, streamlining development processes and improving code quality.
 - Assisted in the transition of legacy systems to modern cloud-based solutions, resulting in enhanced performance and scalability.
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