

Emily Davis

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Professional Summary

Innovative IT professional with 9 years of experience in software development, cybersecurity, and cloud computing. Skilled in designing and implementing robust IT solutions to address complex business challenges. Adept at leading teams and collaborating with stakeholders to achieve organizational objectives.

Skills

- **Programming Languages:** Python, Java, JavaScript, C++
 - **Web Development:** HTML, CSS, React.js, Django
 - **Database Management:** MySQL, MongoDB, SQL Server
 - **Cloud Platforms:** AWS, Microsoft Azure, Google Cloud Platform
 - **Cybersecurity:** Risk assessment, Threat detection, Incident response
 - **DevOps:** Docker, Kubernetes, Jenkins, Ansible
 - **Networking:** TCP/IP, VPN, Firewalls, Routing protocols
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Professional Experience

Senior Cybersecurity Analyst

CyberGuard Solutions, Cityville, TX

September 2019 – Present

- Conducted risk assessments and vulnerability scans to identify security weaknesses and mitigate potential threats.
- Developed and implemented security policies and procedures to ensure compliance with industry standards and regulations.
- Led incident response efforts, investigating security breaches and coordinating remediation activities.
- Provided cybersecurity training and awareness programs for employees, enhancing overall security posture.

Cloud Solutions Architect

CloudTech Innovations, Cityville, TX

June 2015 – August 2019

- Designed and implemented cloud-based solutions using AWS, Azure, and Google Cloud Platform.
- Migrated on-premises applications to the cloud, optimizing performance and reducing operational costs.
- Implemented infrastructure as code using Terraform and Ansible, automating deployment and configuration processes.
- Provided technical guidance and support to cross-functional teams on cloud best practices and architecture.

Software Developer

TechCraft Solutions, Cityville, TX

January 2012 – May 2015

- Developed web applications and APIs using Python Django and React.js, delivering scalable and user-friendly solutions.
- Collaborated with product managers and UX designers to define project requirements and specifications.
- Conducted code reviews and implemented best practices to ensure code quality and maintainability.
- Contributed to open-source projects on GitHub, fostering a culture of knowledge sharing and collaboration.

Education

Master of Science in Computer Science

University of Texas at Austin, Austin, TX

Graduated: May 2011

Bachelor of Science in Computer Engineering

Texas A&M University, College Station, TX

Graduated: May 2009

Certifications

- Certified Information Systems Security Professional (CISSP)
- AWS Certified Solutions Architect – Professional
- Certified Kubernetes Administrator (CKA)

Projects

- **Secure Web Application Development:** Led the development of a secure web application using Django and React.js, implementing encryption and access controls to protect sensitive data.

- **Cloud Migration Strategy:** Designed and executed a comprehensive cloud migration strategy for a large enterprise, minimizing downtime and ensuring data integrity throughout the process.
 - **Security Automation:** Implemented security automation scripts using Python and Ansible, reducing manual effort and improving response times to security incidents.
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Professional Affiliations

- Member, Information Systems Security Association (ISSA)
- Member, Cloud Security Alliance (CSA)