

Alex Doe

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I am a software engineer with a background in distributed systems and machine learning. I have extensive experience building scalable web applications and cloud-native solutions. My expertise spans full-stack development, DevOps automation, and AI/ML integration. I enjoy creating open-source tools that simplify complex workflows and contribute to open-source communities. Also, I am not a real person and this CV is completely made up, courtesy of ollama and Quen3:8b running locally.

EXPERIENCE

Senior Software Engineer • TexaNech Solutions
Research Software Engineer • QuantumAI Lab

March 2023 — Present
September 2020 — February 2023

EDUCATION

PhD in Computer Science • Delft University of Technology
Master's in Software Engineering • Technical University of Eindhoven
Bachelor of Science in Computer Science • University of Amsterdam

September 2016 — August 2020
September 2014 — August 2016
September 2010 — August 2014

SKILLS

JavaScript (Node.js, React), Python, Java, C++, Rust, Amazon Web Services, Google Cloud Platform, Microsoft Azure, React, Vue.js, HTML5, CSS3, Node.js, Express, Django, Prometheus, Grafana, ELK Stack, CloudWatch

LANGUAGES

English: Native, Spanish: B1, French: A2

PUBLICATIONS

- Doe A, Smith J. (2025). Scalable Microservices Architecture for Real-Time Data Processing. Journal of Distributed Systems, 15(3): 45–62.
- Doe A. (2025). Optimizing Cloud Resource Allocation with Reinforcement Learning. Proceedings of the International Conference on Cloud Computing, 2021: 112–120.
- Doe A, Lee K. (2024). Distributed Training for Deep Learning in Hybrid Cloud Environments. IEEE Transactions on Cloud Computing, 8(4): 1234–1245.
- Doe A, Zhang Y, Chen L. (2024). AI-Driven CI/CD Pipeline Optimization for Microservices. IEEE Transactions on Software Engineering, 50(1): 112–128.
- Zhang Y, Doe A, Chen L. (2023). Securing Serverless Functions with Dynamic Policy Enforcement. ACM Transactions on Privacy and Security, 28(2): 1–22.
- Doe A, Smith J, Lee K. (2023). Serverless Architecture for Event-Driven Applications. IEEE Transactions on Software Engineering, 49(6): 1234–1248.
- Lee K, Doe A, Smith J. (2022). Automated CI/CD Pipelines with Machine Learning. ACM Transactions on Software Engineering and Methodology, 30(4): 1–25.
- Chen L, Doe A, Zhang Y. (2022). Performance Analysis of Edge-Cloud Collaboration in IoT Systems. IEEE Internet of Things Journal, 9(7): 5678–5692.
- Lee K, Doe A, Smith J. (2021). Scalable CI/CD Pipelines for Microservices. IEEE Software, 38(5): 45–56.
- Smith J, Doe A, Lee K. (2021). Securing Microservices with Zero Trust Architecture. IEEE Cloud Computing, 9(3): 56–67.
- Smith J, Doe A, Lee K. (2020). Quantifying Latency in Edge-Cloud Architectures. IEEE Transactions on Network and Service Management, 17(1): 123–137.
- Lee K, Doe A, Smith J. (2019). Dynamic Resource Allocation in Hybrid Cloud Environments. Journal of Parallel and Distributed Computing, 132: 112–125.