

# Maksim Tybar

SOLUTIONS/CLOUD ARCHITECT · PROTOTYPING DEVELOPER

Arlington, VA

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## Summary

Skilled solutions architect and prototyping developer with 5+ years of professional experience in cloud solutions architecting and software developing. AWS Certified Machine Learning Specialist, AWS DevOps Engineer Professional, AWS Sysops Administrator, AWS Solutions Architect Professional skilled in both backend and frontend development, Infrastructure as a code, cloud migration and running data analytics & engineering, AI/ML and agentic, as well as distributed systems workloads in the cloud, with the ability to adapt to new technologies and learn quickly. Interested in devising a better problem-solving method for challenging tasks and learning new technologies and tools. Experienced working with Financial Services and Media & Entertainment applications and customers.

## Skills & Certifications

<b>Certification</b>	AWS Certified DevOps Engineer, AWS Certified Machine Learning, AWS Certified Solutions Architect Professional
<b>Programming</b>	Python, Java, PySpark, PyTorch, Rust, Node.js, JavaScript, TypeScript, React, SpringBoot
<b>Back-end</b>	Apache Kafka, MySQL, NoSQL, REST API, GraphQL, DynamoDB, Aurora, Bedrock, Oracle, S3, Amazon SQS, Postman
<b>DevOps</b>	Amazon Web Services, AWS CDK, CI/CD, Red Hat Openshift, Docker, Kubernetes, Terraform, Jenkins, Git, CDC tools

## Work Experience

### Amazon Web Services

Arlington, VA

LEAD PROTOTYPING SOLUTIONS ARCHITECT | DEVELOPER

Jan. 2025 - present

- Lead trusted relationships with largest AWS customers' enterprise architects, solution architects, software architects, and software engineers to understand the customer's technology challenges; dive deep and understand stated, unstated business needs, and challenges.
- Advocate for and influence the AWS technology strategy for FSI internally and externally, at industry events (re:Invent), meet-ups, and summits.
- Working backwards from AWS customer's business needs, create end-to-end solutions, and prototypes addressing technology challenges but also increasing business impact, innovation and agility. Convey to AWS customers cloud computing security and risk management best practices.
- Build and develop multiple complex prototypes across data analytics & Generative AI workloads for largest AWS FSI customers (**over \$100 million ARR**) generating new workloads bringing over **\$25 million ARR in 4 years** and establish strategic long-term partnerships with the customers C-Suite leadership. Integrate customer's data and analytics platforms (**Snowflake & Databricks**) within AWS Storage (S3 Tables/Iceberg) stack.
- Working with customers, AWS sales, professional services, solution architects and product teams to improve services functionality.

### Amazon Web Services

Seattle, WA

SOLUTIONS ARCHITECT

Jul. 2022 - Jan. 2025

- Ensure success in building and migrating data, analytics & AI/ML applications, software, and services on the Amazon Web Services Platform.
- Design resilient, distributed and highly available serverless architectures using services such as Amazon MSK (Kafka), AWS Lambda, Amazon S3, AWS Step Functions, Amazon DynamoDB, Amazon SQS, Amazon SNS, Amazon Bedrock, Amazon EC2 and many more.
- Build, document, test and present prototypes and proof of concepts using TypeScript, Python, React JS, Git, and range of AWS services that are deployed using IaC (Infrastructure as Code) tools such as AWS CDK, Terraform and AWS CloudFormation.
- Act as a technical liaison between customers, service engineering teams and support. Generated over **\$10 million ARR in 2 years**.

### Perficient Inc

Saint Louis, MO

ASSOCIATE TECHNICAL CONSULTANT | ARCHITECT

Jan. 2022 - Jul. 2022

- Lead the design and development of multiple enterprise-level microservice applications using Java and Spring Framework (Spring MVC, Spring JPA, RESTful API), Oracle, MySQL DB, and Red Hat OpenShift for containerization.
- Design and implemented scalable system APIs responsible for managing over 100 million messages and requests for packaging, notification, and label creation systems for a delivery company. Improve unit test coverage across the project to over 90%.
- Work in Agile environment delivering daily code updates along with quality testing and development teams using Jira, Confluence and Git.

## Education

### Trine University

Reston, VA

M.S. in INFORMATION STUDIES/SCIENCE – GPA: 4.0/4.0

Jul. 2024. – May 2025

- Artificial Intelligence, Machine Learning, Data Engineering, Distributed Computing, Cloud Computing, High Performance Computing.

### Oklahoma State University

Stillwater, OK

B.S. in COMPUTER SCIENCE - GPA: 3.605/4.0

Jul. 2017 - Jul. 2021

- Data structures and algorithms, Computer systems, Differential equations, Linear algebra II, Complexity analysis.