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/* TECH STACK */

// LANGUAGES

- Java
- Typescript/Javascript
- Python
- Bash/Shell
- SQL
- NoSQL

// BACKEND

- Spring/Spring Boot
- Node.js
- Express.js
- Fastify
- Kafka/Pulsar
- REST
- gRPC
- OpenPolicyAgent (OPA)
- Postgres
- MySQL
- MongoDB

// FRONTEND

- HTML5
- CSS3 + SCSS
- React
- React Native
- Next.js (SSR)
- Cypress
- Jest
- Styled Components
- Storybooks
- GraphQL

// DEPLOYMENT

- Docker
- Kubernetes
- Helm
- Terraform
- Crossplane
- ArgoCD
- Github Actions
- Jenkins

// AWS

- EKS
- EC2
- RDS
- ECR
- MSK
- S3
- Lambda
- IAM
- SNS
- SQS
- EFS
- KMS
- VPC
- API Gateway

RYAN PAGE

TECHNICAL LEAD

SENIOR SOFTWARE ENGINEER



Lead Software Engineer with 9 years of professional experience delivering high-throughput and low-latency SaaS and PaaS software in the cybersecurity, A.I., and fintech space.

PROFESSIONAL EXPERIENCE

FICO

Lead Software Engineer | May 2022 - Present | 2.5 Yrs +

- Designed and led implementation of decoupled Authorization capability for the **FICO Platform** using OpenPolicyAgent (OPA) for RBAC and ABAC, scaling to billions of protected resources with under 1ms of latency.
- Designed and implemented Helm Chart for IAM Authorization deployment, scaled to tens of thousands of transactions per second for authoring authorization data.
- Authored and defended Architectural Decision Record (ADR) to define a strategy of consumption for secrets and keys across the entire Platform.
- Authored and defended ADR on defining and scoping a policy engine for control plane resources across the entire Platform.

FICO

Software Engineer II | March 2019 - May 2022 | 3 Yrs

- Architected and led team of 12 in implementing the migration of **Falcon Fraud Manager** from on-premise to the cloud by leveraging Docker, Kubernetes, Terraform and Helm.
- Scoped, designed, and implemented support for Kafka for Falcon, improving scalability by 700%
- Planned and led migration of 17 year-old SVN history to git.
- Introduced GitOps and trunk-based development with fully featured CI and CD workflows using Jenkins.

Perspectium

Software Engineer | Oct 2017 - March 2019 | 2 Yrs

- Led the migration of thousands of lines of Javascript to Typescript.
- Led a team of 4 in designing and launching an app on the Atlassian marketplace.
- Designed & implemented proprietary low-latency e2e ack (acknowledgement) library in Java.
- Migrated all existing microservices to Docker
- Implemented proprietary devcontainers spec and scaled to several teams.

EDUCATION

Cal Poly San Luis Obispo

Bachelors | Political Science - Pre-Law/Philosophy