

Eduardo Hernacki

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EXECUTIVE SUMMARY

Results-driven Software Engineer with extensive experience in Development, Cloud and DevOps, known for exceptional soft skills and a strong focus on AWS Cloud. Demonstrated expertise in leading teams to deliver impactful and comprehensive solutions while fostering collaboration and innovation, with a proven track record of guiding teams through complex SaaS product development.

TECHNICAL SKILLS

Programming Languages: TypeScript, Rust, Elixir, Python, SQL, Bash, HTML, CSS

Methodologies: Domain-Driven Design (DDD), Behavior-Driven Development (BDD), Test-Driven Development (TDD), Trunk-Based Development, Continuous Integration, Continuous Delivery, Team Topologies, Scrum, Kanban

Ecosystems & Tools: AWS (CDK, CloudFormation, API Gateway, S3, DynamoDB, Lambda, Kinesis, RDS, Aurora, IAM, EC2, ELB, EFS, Fargate, CloudFront, Route 53, Secrets Manager, Amplify, Storage Gateway, Landing Zone and more), Serverless, Pulumi, Terraform, Git, GitHub, GitLab, Azure DevOps, Docker, Kubernetes, Elastic Stack, MySQL, PostgreSQL, Datadog, New Relic, REST, OpenAPI, OAuth, Node.js

EXPERIENCE

Independent Cloud Consultant and Software Engineer

Feb 2024 – Present

Self-Employed

Munich, Germany

- Expert guidance in AWS Cloud Development, Modernization and Migration, including DevOps and Architecture
- Development of backend services and full-stack web applications
- General guidance on formulating technical strategies, streamlining development processes and on bridging the gap between technical and product teams

Lead Software Engineer

Aug 2022 – Jan 2024

SEMA GmbH

Wildpoldsried, Germany

- Led a team of 4 Software Engineers in developing a cutting-edge SaaS product for the Timber Construction industry, while assuming among others the roles of Architect, Developer and Scrum Master
- Fostered close collaboration with stakeholders and product owners to identify, understand and prioritize product requirements, providing guidance and support to the team in delivering pragmatic and high-quality solutions
- Engineered an event-driven file processing pipeline for a file management service using S3 Events and Lambda functions to enable efficient handling of new files, ensuring streamlined processing within the system
- Played a key role in the hiring process, actively participating in the selection of technical and leadership roles
- Orchestrated comprehensive pair programming sessions and training programs on AWS, equipping the Engineering team with valuable skills and knowledge
- **Technologies Used:** AWS (CDK, API Gateway, S3, DynamoDB, Lambda), TypeScript, Node.js, Rust, OpenAPI, OAuth, Azure DevOps

Principal Software Engineer

Nov 2021 – Jul 2022

PPRO Holding GmbH

Munich, Germany

- Supported the organization in reviewing Technical Cloud Governance and Compliance in the AWS Cloud, leveraging expertise in AWS services, security protocols, and compliance frameworks
- Designed and developed a comprehensive AWS Training Program in close collaboration with the AWS Technical Customer Manager, catering to the needs of the entire Engineering organization
- Co-designed and played a key role in the hiring process for DevOps/Cloud Engineers and Team Leads, actively contributing to the selection of highly skilled professionals who align with the organization's goals and values
- Drove the adoption of a serverless architecture within the team, serving as the primary advocate and representative in discussions with Engineering Managers and Principal Engineers
- Implemented a multi-account setup using AWS CDK and developed a robust CI/CD pipeline for efficient and reliable deployment of application changes
- Led serverless backend implementation for a major UK merchant's transaction portal using TypeScript in the context of Serverless on AWS
- **Technologies Used:** AWS (CDK, API Gateway, Lambda, Kinesis), Serverless, TypeScript, JavaScript, Node.js, Python, Docker, Terraform, Kubernetes, Elasticsearch, GitLab, Okta, OAuth, Middy.js

Lead Cloud Consultant

Aug 2019 – Oct 2021

tecRacer GmbH & Co. KG

Munich, Germany

- Provided technical and strategic consulting services for AWS Solutions to clients across Germany and Austria, spanning multiple industries with specific regulatory requirements
- Continuously participated in pre-sales activities as a Solutions Engineer and actively contributed to the company's hiring process for new consultants
- Implemented a serverless application with a state machine architecture, incorporating PDF generation and email sending functionalities using AWS API Gateway, Lambda, DynamoDB, Elasticsearch, and Terraform
- Led the migration from MS SQL Server to Amazon Aurora MySQL Serverless for SAP Commerce instances using AWS Database Migration Service for a distinguished German company focused on the Japan market. Accomplished the project within 4 months, resolving Unicode and performance issues while optimizing New Relic dashboards
- Migrated a VMware Workspace ONE infrastructure to AWS Cloud for a renowned German insurance company, serving as the key point of contact. Orchestrated the conversion of VMs to EC2 instances, implemented self-service Jenkins pipelines, established an active-active Multi-Region setup with Route53, enabling a highly scalable "access gateway" capable of efficiently handling 300k simultaneous device connections
- **Technologies Used:** AWS (CDK, API Gateway, Cloud Migration, Lambda, DynamoDB, Aurora MySQL), VMware, MS-SQL, Jenkins, TypeScript, JavaScript, Node.js, Python, Docker, Terraform, Kubernetes, Elasticsearch

Senior DevOps Engineer

Jan 2018 – Jul 2019

Commerce Connector, now PriceSpider

Stuttgart, Germany

- Responsible for maintaining the company's platform reliability, security and performance
- Implemented Prometheus to provide effective business KPI monitoring, alongside the continuous enhancement of the existing log management based on Splunk
- Provided continuous Architecture & Infrastructure support for the Quality and Data Engineering teams' projects, using containers, AWS Lambda and related monitoring
- **Technologies Used:** AWS (Lambda, Fargate, EC2, RDS, S3, CloudFront), Serverless Framework, Rundeck, GitLab, Prometheus, Grafana, Splunk, Docker, Python, JavaScript, Node.js

AWS Cloud Engineer

Mar 2017 – Dec 2017

Nuvme

Blumenau, Brazil

- Worked in several infrastructure migration projects to AWS - from scalable web applications to legacy and ERP applications - using my expertise in Linux, web applications, monitoring and security in the Cloud context
- **Technologies Used:** AWS (EC2, S3, IAM, Route 53, CloudFront, RDS, CloudWatch), Zabbix, InfluxDB, Grafana, Graylog, Elasticsearch, Docker, RHEL, CentOS, Ubuntu, Plesk, cPanel, Apache, NGINX, Python, Bash, PHP, Tomcat, MySQL

Linux & Open Source Consultant

Jan 2014 – Mar 2017

Indyxa Group, now Flowti

Blumenau, Brazil

- Provided infrastructure, monitoring and log management consulting, improving monitoring capabilities, developing custom monitoring plugins, and implementing critical infrastructure projects, resulting in enhanced reliability, performance, and security for mission-critical environments, impacting millions of customers and facilitating financial transactions worth millions of dollars

IT Support Analyst

Aug 2012 – Jan 2014

QuickSoft Sistemas de Informações

Blumenau, Brazil

- Provided comprehensive enterprise infrastructure support, including data protection and development of backup monitoring and automation tools

IT Support Technician

Oct 2008 – Aug 2012

Advance Solution

Blumenau, Brazil

- Provided IT services support and managed multiple customer infrastructures

EDUCATION

Universidade Regional de Blumenau

Bachelor of Science in Computer Science

Blumenau, Brazil

Jul 2015 – Jul 2016 (Incomplete)

COMMUNICATION SKILLS

Languages: Portuguese, English, German