

Eduardo Hernacki

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TECHNICAL SKILLS

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

Developer Tools: AWS, Serverless, CDK, Terraform, Git, GitHub, GitLab, Azure DevOps, Docker, Kubernetes, Elastic Stack, MySQL, PostgreSQL, Datadog, New Relic

EXPERIENCE

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, leveraging AWS CDK, API Gateway, DynamoDB, Lambda with Rust and TypeScript, S3, and OpenAPI
- 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
- Fostered close collaboration with stakeholders and product owners to fully understand product requirements, providing guidance and support to the team in delivering pragmatic and high-quality solutions
- 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

- Led serverless backend implementation for a major UK merchant's transaction portal using AWS API Gateway (REST), Lambda with TypeScript and Middy middleware, Okta, DynamoDB, Elasticsearch, and Kinesis Streams
- 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
- 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
- Technologies Used: AWS (CDK, API Gateway, Lambda, Kinesis), TypeScript, JavaScript, Node.js, Python, Docker, Terraform, Kubernetes, Elasticsearch, GitLab

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
- 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
- Continuously participated in pre-sales activities as a Solutions Engineer and actively contributed to the company's hiring process for new consultants
- 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

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

Freelancer

Mar 2017 – Dec 2017

Self Employed

Blumenau, Brazil

- Served as a Monitoring Consultant, offering comprehensive monitoring solutions for new technologies and platforms, enhancing existing monitoring systems, and providing valuable support to customer teams in optimizing their platforms
- Technologies Used: Linux, AWS, Graylog, Zabbix, Nagios, Ansible, InfluxDB, Python, Grafana, Elastic Stack, Docker, Kubernetes, Prometheus

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

Blumenau, Brazil

- Provided infrastructure, monitoring and log management consulting, improving monitoring capabilities, developing custom 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
- Technologies Used: RHEL, CentOS, Oracle Linux, Nagios, Python, Perl, Bash, PowerShell, Apache, NGINX, HAProxy, Tomcat, SNMP, Fortinet, pfSense, iSCSI, Network, Storage, NFS, Graylog, Elasticsearch, MySQL, VMware vSphere, Hyper-V, Oracle Database, Zimbra, IPSEC, HA Clusters, BIND, vsFTPD, ProFTPD

IT Support Analyst

Aug 2012 – Jan 2014

QuickSoft Sistemas de Informações

Blumenau, Brazil

- Provided comprehensive enterprise infrastructure support, including data protection, collaboration with Tupy SA for data security, and development of backup monitoring and automation tools
- Technologies Used: IBM Tivoli Storage Manager, RHEL, SuSE Linux Enterprise Server, VMware vSphere, Hyper-V, Exchange Server, Zimbra, Postfix, Dovecot, IPTables, Squid Proxy

IT Support Technician

Oct 2008 – Aug 2012

Advance Solution

Blumenau, Brazil

- Provided comprehensive IT services support and managed multiple customer infrastructures
- Technologies Used: Windows Server, ISA Server, Forefront TMG, Exchange Server, Hyper-V, Active Directory, Trend Micro

EDUCATION

Universidade Regional de Blumenau

Blumenau, Brazil

Bachelor of Science in Computer Science

Jul 2015 – Jul 2016 (Incomplete)

COMMUNICATION SKILLS

Languages: Portuguese, English, German