

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, 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, Rust, OpenAPI

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, Python, Docker, Terraform, Kubernetes, Elasticsearch

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 backend 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, 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

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, Red Hat Enterprise Linux, 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: Red Hat Enterprise Linux, CentOS, Oracle Enterprise 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, TLS/SSL, IPSEC, High Availability 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, Red Hat Enterprise Linux, 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, Remote Desktop, ISA Server, Forefront TMG, Exchange Server, Hyper-V, Active Directory, Trend Micro

EDUCATION

Universidade Regional de Blumenau

Bachelor of Science in Computer Science

Blumenau, Brazil

Jul 2015 – Jul 2016 (Incomplete)

COMMUNICATION SKILLS

Languages: Portuguese, English, German