

Senad Dizdarević

DevOps & Cloud Engineer

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Location 51216 Viškovo, Croatia

Date of birth 5 March 1985

Availability Employed full-time at Valcon · notice period 1 month



Website senad-d.github.io/portfolio

GitHub github.com/senad-d

PROFILE

AWS-certified DevOps and cloud engineer focused on secure automation, reliable delivery pipelines, and measurable cloud outcomes.

Works in two delivery modes: embedded partner for hiring teams and focused consultant for freelance clients. In both cases the goal is the same: simple architecture first, reliable automation, strong security posture, and clear operational ownership after handover.

WORK EXPERIENCE

DevOps Engineer — Principal Technology CSE

Jan 2026 — Present

Valcon (full-time)

- Focus: Amazon Web Services (AWS), Terraform, and platform engineering.
- Lead enterprise cloud delivery with secure and scalable infrastructure patterns.

DevOps Engineer

Feb 2025 — Present

Upwork (freelance)

- Focus: Amazon Web Services (AWS) and Terraform.
- Design and operate production-ready AWS environments for freelance clients.

DevOps Engineer — Senior Specialist

Jul 2024 — Jan 2026

Valcon (full-time)

- Focus: Amazon Web Services (AWS) and Terraform.
- Scaled reusable IaC and deployment workflows across client engagements.

DevOps Technology Specialist

Jan 2023 — Jul 2024

Valcon (full-time)

- Focus: infrastructure and Linux.
- Supported stable operations and core infrastructure improvements.

DevOps Engineer

Sep 2022 — Jan 2023

Valcon (full-time)

- Focus: infrastructure, Git, and DevOps tooling.
- Built foundational delivery workflows for cloud platform work.

Technical Support Manager

Jan 2011 — Nov 2022

INA Grupa (full-time)

- Led long-term on-site production support operations.
- Built incident communication and coordination discipline applied in later DevOps delivery.

CERTIFICATIONS

AWS Certified Solutions Architect — Associate

Jan 2023

Amazon Web Services · Credential ID 9FRV6K8KYBVEQG92

[Verify credential](#)

SKILLS

Core tools	AWS, Terraform, Docker, Git, Pi
AI Tooling	Microsoft Foundry, AWS Bedrock, Claude, Codex, Pi, LiteLLM, Ollama, LM Studio
AWS Platform Delivery	AWS Organisations, AWS SecurityHub, AWS Config, IAM, VPC, AWS TransitGateway, LoadBalancer, CloudMap, EC2, ECS, EKS, Lambda, API Gateway, RDS, DynamoDB, S3, ECR, ElastiCache, CodeArtifact, CloudFront, Route 53, Cognito, WAF, SES, SNS, SQS, SecurityHub, ParameterStore, CodeConnect
Tools & Automation	Terraform, CloudFormation, GitHub Actions, CodePipeline, Jenkins, Git, Docker, OpenID, Keycloak, OpenVPN
Frameworks and Languages Used Across Projects	Spring Boot, Golang, Java, Node.js, React, Angular, TypeScript, JavaScript, .NET, Python, Bash
Observability & Security	CloudWatch, Grafana, Loki, Prometheus, Tempo, OpenTelemetry, Trivy, OWASP Dependency-Check, Security Hub, AWS Config

LANGUAGES

Croatian — Native · English — Fluent

PROJECTS

Calm&Clear Serverless AWS Platform

Nov 2025 — Present

- Built a secure multi-account serverless backend that reduced operational overhead and improved integration reliability.
- Established isolated development, staging, and production accounts to strengthen governance and release safety.
 - Replaced server-managed integration flows with API Gateway, Lambda, and DynamoDB to lower maintenance effort.
 - Improved payment and invoicing reliability with centralized API monitoring, logging, and tracing.

Stack: Terraform, AWS, API, Lambda

Live: [calmclear.com](#)

NeuroEAYe Secure AWS Foundation

Apr 2025 — Present

- Delivered secure, automated AWS infrastructure for healthcare workloads with repeatable CI/CD and lower release risk.
- Reduced configuration drift by standardizing infrastructure provisioning with Terraform.
 - Improved release consistency through Dockerized workloads and automated pipelines.
 - Strengthened security posture across infrastructure and delivery workflows for healthcare use cases.

Stack: AWS, Terraform, Docker, GitHub

Live: [neuroaeye.com](#)

Lundbeck Batch Tracking AWS Launch

Oct 2023 — Dec 2023

Delivered production AWS infrastructure under launch deadlines, combining ECS reliability with CloudFront performance gains.

- Delivered a production-ready cloud environment aligned with launch milestones.
- Improved frontend delivery performance through CloudFront edge distribution.
- Ensured stable backend operations with an ECS-based architecture.

Stack: AWS, Terraform

Reference: lundbeck.com

Construction Site Inventory AWS Launch Foundation

Aug 2023 — Sep 2023

Delivered a secure, cost-aware AWS launch baseline with private asset delivery and resilient container services.

- Provisioned separate development and production environments from day one.
- Secured static asset delivery using private S3 origins behind CloudFront.
- Delivered an ECS backend foundation aligned with reliability and budget constraints.

Stack: AWS, Terraform

YouChooseWork AWS Launch Infrastructure

Mar 2023 — Apr 2023

Designed and delivered launch-ready AWS infrastructure balancing performance, reliability, and long-term maintainability.

- Delivered a production-ready backend environment on a highly available ECS architecture.
- Improved user-facing performance with CloudFront distribution.
- Accelerated launch readiness with repeatable infrastructure provisioning patterns.

Stack: AWS, Terraform

Live: youchoosework.com

Compli AWS Observability Baseline

Feb 2023 — Feb 2023

Unified AWS monitoring into a shared observability baseline that improved alert quality and sped up incident triage.

- Centralized CloudWatch telemetry into shared Grafana dashboards used across workloads.
- Introduced Slack-routed alert workflows with clearer ownership and faster first response.
- Extended diagnostic depth by combining CloudWatch with InfluxDB and Telegraf metrics.

Stack: AWS, Grafana, InfluxDB, Slack

Reference: compli.nl

Nebula Internal EKS Platform Enablement

Feb 2023 — Present

Helped standardize internal EKS platform provisioning, improving environment consistency and onboarding speed for teams.

- Standardized baseline infrastructure patterns for new internal development projects.
- Improved consistency and repeatability through Terraform-driven provisioning.
- Reduced setup time for teams launching new platform workloads.

Stack: AWS, Terraform, Kubernetes, GitHub, OpenVPN

Office Reservation Manager AWS Delivery Baseline

Dec 2022 — Jan 2023

Automated Mendix environment provisioning and CI workflows to reduce setup effort and improve release consistency.

- Delivered a ready-to-use development environment for application teams.
- Reduced manual provisioning work through CloudFormation automation.
- Improved CI reliability with repeatable GitHub Actions workflows.

Stack: AWS, GitHub, Mendix

CamLock Android Parental Lock App

Sep 2026 — Present

Built a privacy-first Android parental lock that recognises enrolled children on the front camera and locks the phone to calls only, with every face check kept on-device.

Stack: Android, Kotlin, Jetpack Compose, CameraX, ML Kit, LiteRT, Hilt, Room, Astro

Live: camlock-studio.github.io

Micky AI Software Studio

Sep 2026 — Present

Launched Micky, an AI-first software studio in Croatia that ships privacy-first Android apps and delivers AWS serverless platforms and LLM integrations.

Stack: Astro, TypeScript, Cloudflare Pages, Three.js, GSAP, Android, AWS, AI Tooling

Live: micky-site.pages.dev

DrawMe Natural-Language Diagramming for Pi

Aug 2026 — Present

Built a Pi extension that turns natural-language descriptions into validated, editable draw.io diagrams and local image exports.

Stack: Pi, TypeScript, Node.js, npm, draw.io, Mermaid

GitHub: github.com/senad-d/DrawMe · npm: npmjs.com/package/@senad-d/drawme

AnalyseMe Sonar Quality Analysis for Pi

Jul 2026 — Present

Built a Pi extension that lets coding agents inspect SonarQube and SonarCloud quality data and optionally submit a fresh local scan.

Stack: Pi, TypeScript, Node.js, npm, SonarQube, SonarCloud

GitHub: github.com/senad-d/analyseme · npm: npmjs.com/package/@senad-d/analyseme

ObserveMe OpenTelemetry for Pi Agent Sessions

Jul 2026 — Present

Built a Pi extension that exports privacy-conscious traces, metrics, and logs for agent sessions to standard observability backends.

Stack: Pi, TypeScript, Node.js, npm, OpenTelemetry, Grafana

GitHub: github.com/senad-d/ObserveMe · npm: npmjs.com/package/@senad-d/observeme

ProtectMe Network Access Guardrails for Pi

Jul 2026 — Present

Built a Pi extension that checks supported agent and user shell network requests against global and project allow lists before execution.

Stack: Pi, TypeScript, Node.js, npm, Network Security, Shell

GitHub: github.com/senad-d/protectme · npm: npmjs.com/package/@senad-d/protectme

BranchMe Git Workflow Automation for Pi

Jun 2026 — Present

Built a Pi extension that verifies repository state and automates branch, worktree, integration, push, and pull request workflows.

Stack: Pi, TypeScript, Node.js, npm, Git, GitHub

GitHub: github.com/senad-d/branchme · npm: npmjs.com/package/@senad-d/branchme

CommitMe Pi Commit Assistant

Jun 2026 — Present

Built a Pi extension that turns local git changes into safe Lightweight Conventional Commit messages and creates local commits.

Stack: Pi, TypeScript, Node.js, npm, Git, AI Tooling

GitHub: github.com/senad-d/CommitMe · npm: npmjs.com/package/@senad-d/commitme

GuardMe Pi Tool-Call Safety Guardrails

Jun 2026 — Present

Built a Pi extension that enforces deny-first policy for shell and filesystem tool calls with YAML rules, path protections, and approval flows.

Stack: Pi, TypeScript, Node.js, npm, YAML, Security, AI Tooling

GitHub: github.com/senad-d/GuardMe · npm: npmjs.com/package/@senad-d/guardme

IssueMe GitHub Issue Management for Pi

Jun 2026 — Present

Built a Pi extension that gives coding agents repository-scoped GitHub issue workflows through structured API tools and bounded local context.

Stack: Pi, TypeScript, Node.js, npm, GitHub REST API, GraphQL

GitHub: github.com/senad-d/IssueMe · npm: npmjs.com/package/@senad-d/issueme

MicMe Local Voice-to-Text Pi Extension

Jun 2026 — Present

Built a local-first voice-to-text extension for Pi that records coding prompts, transcribes locally, and inserts reviewed transcripts into the editor.

Stack: Pi, TypeScript, Node.js, npm, ffmpeg, whisper.cpp

GitHub: github.com/senad-d/micme · npm: npmjs.com/package/@senad-d/micme

Pi Code DevOps Automation Workspace

May 2026 — Present

Built a project-local Pi workspace that combines agent orchestration, safety guardrails, and reusable skills for reliable automation.

Stack: Pi, TypeScript, Node.js, AWS, YAML

GitHub: github.com/senad-d/pi-code

Terraform Skills Bundle for Codex CLI

Jan 2026 — Present

Created a reusable Codex CLI skill bundle to standardize Terraform planning, module delivery, review, and AWS reporting.

Stack: Terraform, AWS CLI, Bash, MCP, Codex CLI, LocalStack

GitHub: github.com/senad-d/terraform-skills

S3 Explorer Browser File Manager

Feb 2025 — Apr 2025

Built a lightweight browser-only S3 manager with session-only credentials and no backend dependency.

Stack: HTML, CSS, Amazon S3, AWS SDK for JavaScript v2

GitHub: github.com/senad-dizdarevic-valcon/s3-explorer

Devbox Global Machine Bootstrap

Jan 2025 — Mar 2025

Automates fresh macOS and Linux workstation setup for DevOps tooling through a reusable shell bootstrap.

Stack: Bash, Linux, macOS, Git

GitHub: github.com/senad-d/devbox-global-conf

Personal Observability Engineering Lab

Jun 2024 — Present

Built a personal observability sandbox to validate logs, metrics, and tracing patterns before production rollout.

Stack: Grafana, Loki, Prometheus, Tempo, OpenTelemetry, Docker

GitHub: github.com/senad-d

Docker Compose Remote Control API

Jun 2024 — Aug 2024

Developed a Dockerized Flask API behind Gunicorn and Nginx for authenticated remote docker-compose operations.

Stack: Python, Flask, Docker Compose, Gunicorn, Nginx, JWT

GitHub: github.com/senad-d/DockerComposeAPI