

# Ruman Kazi

Platform Engineer · Rotterdam, NL

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## Summary

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Platform engineer with 3+ years building developer infrastructure at ASML — shared CI/CD systems, custom GitHub Actions, and cloud automation on GCP. Currently building RunnerForge, a self-hosted ephemeral GitHub Actions runner platform on GCP.

## Experience

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- DevOps Engineer** Nov 2022 — Present  
ASML Veldhoven, NL
- Built and maintained the common CI/CD pipeline used by 30+ engineering teams and several hundred developers, processing 100–200 pipeline runs per day across the company.
  - Authored 4 reusable workflows and composite actions in active use by hundreds of internal users; co-authored 20 more. These encapsulate ASML’s proprietary build, validation, and delivery tooling so teams can adopt CI/CD without configuring the internal stack themselves.
  - Owned the redesign of the common pipeline to support a multi-year migration to a new build and packaging system. The same pipeline now serves pre-migration, transitioning, and fully-migrated teams — without parallel pipelines or per-team forks.
  - Extended the self-hosted GitHub Actions runner platform on GCP. Wrote a custom action that publishes pub/sub messages to provision VM runners on demand with workload-specific configurations. Built Splunk dashboards for runner utilization, job success rate, and configuration drift.
  - Completed the 13-month Xccelerated DevOps program (Xebia / GoDataDriven) in parallel: deployable code, DevOps principles, GCP, containers, K8s.
- Radar Signal Processing Engineer** Oct 2021 — Oct 2022  
Ibeo Automotive Systems Eindhoven, NL
- Built modular automotive radar simulation tools modelling MIMO-FMCW and MIMO-PMCW radars, generating range-Doppler, range-angle, and tracking outputs for downstream perception teams. C++/CUDA, MATLAB, Python.

## Projects

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- RunnerForge** ([runnerforge.dev](https://runnerforge.dev)) 2026
- Self-hosted ephemeral GitHub Actions runner platform on GCP. Cloud Run orchestrator receiving workflow\_job webhooks, on-demand GCE runners with Packer-built images targeting 30–45s boot, Terraform-managed infrastructure (VPC, Cloud NAT, LB, IAM, Workload Identity), Prometheus/Grafana with explicit SLOs. Built to learn end-to-end production platform delivery.

## Skills

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- **Cloud:** GCP (Associate Cloud Engineer, 2026)
- **CI/CD:** GitHub Actions — reusable workflows, composite actions, self-hosted runner integration
- **IaC:** Terraform
- **Languages:** Python, Ruby
- **Observability:** Splunk, Prometheus, Grafana (in progress on RunnerForge)
- **Other:** Git, Linux, Docker (in progress), Kubernetes (in progress)

## Education

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- Technische Universiteit Delft** Delft, NL  
MSc Electrical Engineering 2019 — 2021
- Master’s thesis on sparse MIMO array design for super-resolution direction-of-arrival estimation, in collaboration with NXP Semiconductors.
- Sardar Patel Institute of Technology** Mumbai, IN  
BE Electrical, Electronics & Communications 2015 — 2019