

Pavlo Rodin

Principal Software Engineer / AI Researcher

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Profile

Engineer with thirty years in IT, currently working at the intersection of software engineering and applied AI: AI-native development and operations on client engagements. The foundation underneath is platform and reliability work — multi-region AWS and Azure, infrastructure as code, hardened images, least-privilege IAM and fully automated CI/CD. The range is unusually wide: from PostgreSQL DBA on high-load systems, through leading a team of 17 engineers, to a decade as co-founder and CTO of a product company. That means I can own a problem end to end — infrastructure, architecture, security, AI tooling and the people around it.

Core skills

AI-native delivery	Agent orchestration · Spec-driven development · Automated review · Evaluation · LLM-based AI agents
Cloud & IaC	AWS — multi-account, multi-region, IAM, serverless · Azure · Terraform · Terragrunt · CloudFormation · OrgFormation · Ansible · Packer
Containers & CI/CD	Kubernetes · EKS · Jenkins · GitLab · DevSecOps · Immutable infrastructure · CIS hardening
Observability	ELK · Custom Metricbeat modules and alerting · CloudWatch
Data	PostgreSQL · MySQL · MS SQL
Engineering	Python · JavaScript · PHP · Shell scripting · Systems integration
Infrastructure	Hybrid cloud · Disaster recovery · Linux · IAM and least privilege · Network and PBX design
Leadership	Led a team of 17 · Co-founder and CTO · Vendor and contractor management

Experience

Principal Software Engineer / AI Researcher, IntoPeople B.V.

Apr 2025 – present · Netherlands

AI-native development and operations across client engagements.

- Building with LLM-based AI agents as part of the delivery process rather than as autocomplete: specification first, agents for mechanical breadth, and a verifiable invariant behind every claim that something is done.
- Agent orchestration, spec-driven delivery, automated review and evaluation as standard practice rather than experiments.
- Platform and reliability foundation underneath: infrastructure as code, cloud and hybrid environments, CI/CD, and observability designed so that silence means healthy rather than dead.

Senior Cloud Engineer, Kwiik B.V.

Oct 2022 – Jan 2025 · Den Haag

Contract engagement at Shell IT International B.V.

- Designed and implemented cloud migration strategies for on-premise applications and hybrid solutions supporting the Geo Science team.
- Delivered High- and Low-Level Design documents for infrastructure projects.
- Coordinated the creation and validation of migration plans and ensured seamless application integration; facilitated integrated testing and advised on resolving technical issues.
- Supported decommissioning of obsolete environments.

Senior SRE Engineer, Silverflow B.V.

Jul – Aug 2022 · Amsterdam

Short-term engagement at a cloud-native card-payment fintech: evaluation of centralised logging and monitoring, with hands-on infrastructure as code on AWS in a cross-account serverless environment using OrgFormation on top of CloudFormation.

DevOps Engineer, Mobiquity B.V.

Apr 2021 – Jun 2022 · Amsterdam

Multi-region AWS infrastructure serving millions of requests a day.

- Immutable infrastructure with Packer and CIS hardening; self-healing multi-region / multi-AZ resilience.
- Infrastructure as code with Terraform and Terragrunt, CloudFormation, and Ansible orchestration; custom templating for DRY IaC and DevSecOps.
- Kubernetes and EKS across cloud and on-premise environments on banking and fintech projects with tight compliance requirements; self-hosted GitLab alongside Jenkins for fully automated multi-repo CI/CD with shared Groovy libraries.
- AWS IAM at depth — group, role and policy design on least-privilege principles; logging and monitoring on CloudWatch.

One Planet Group — formerly Reply! Inc.

Mar 2014 – Mar 2021 · Dnipro, Ukraine

Seven years and four roles with one company, from database administrator to solutions architect.

Solutions Architect / DevOps 2019–2021 · Project Manager / DBA 2017–2019 · DBA / Full Stack Developer 2015–2016 · Database Administrator 2014–2015

- Architected secure, scalable back-end systems with distributed teams; set engineering practices, workflows and standards across global cross-functional teams.
- Led a team of 17 engineers while owning AWS infrastructure for teams across multiple continents.
- Terraform provisioning with shell scripting and Ansible post-provisioning; scripted IaC disaster recovery with automated rebuild inside an agreed timeframe.
- CI/CD with Jenkins, Bitbucket and Jira, including on-demand dev/test/staging environments driven by Jira workflows; ELK monitoring across dozens of servers with custom Metricbeat modules and alerting on Elasticsearch data.
- Started as PostgreSQL DBA on a high-load cluster — cross-engine MS SQL ↔ PostgreSQL data exchange, and reporting dashboards in Python and JavaScript that automated business and marketing reporting.

Moment of Truth company award — 2017 winner, 2016 finalist.

DevOps and Full Stack Engineer, Eshroff LLC part-time

Jun 2012 – Sep 2015 · Dnipro, Ukraine

Designed and built a custom CRM and a fully virtualised office infrastructure end to end: Hyper-V private hosting, Active Directory, Linux mail servers and firewalls, MySQL with complex financial reporting, integrations with accounting (1C) and banking systems, ExtJS and PHP.

Co-founder, software architect, DneprKievTrans LLC

Feb 2013 – Mar 2014 · Dnipro, Ukraine

Co-founded and architected a fleet-management platform from scratch: PostgreSQL/PostGIS, OpenStreetMap-based reverse geocoding, vehicle data-bus integration (CAN/J1939, OBD-II), GIS web interface (ExtJS/Leaflet), REST API.

Co-founder & CTO, Sputnik-Avto Ltd.

Jul 2002 – Feb 2013 · Dnipro, Ukraine

Built and ran a GPS fleet-management business for a decade as technical co-founder.

- Owned the full stack: hardware selection and embedded GPS modules, MS SQL, GIS mapping, and two generations of web front end.
- Vehicle data-bus integration (CAN/J1939, J1708, OBD-II) with sensor fusion.
- Hired and led C++/Java developers; capacity planning and live system migrations.

APO Blago LLC

Jul 1999 – Jun 2002 · Dnipro, Ukraine

Three years, from system administrator to CIO.

Chief Information Officer 2000–2002 · System Administrator 1999–2000

Promoted to own IT strategy for a fast-growing business: infrastructure planning, the engineering team, vendors and contractors. Started hands-on with all of it — multi-office LAN and PBX design and build, mail, network and security administration, and Active Directory.

Software Engineer, Concord LLC

Jan 1996 – Jul 1999 · Dnipro, Ukraine

Various projects and platforms — where the career started.

Education

2021	Master's degree, Computer Science — Admiral Makarov National University of Shipbuilding, Kherson, Ukraine
1994 – 1996	Finance, Alfred Nobel University — Dnipro, Ukraine coursework, not completed