

# Austin Edmonson

Senior Software Engineer

Platform Engineering · DevOps · Infrastructure

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<b>Nationality</b>	American
<b>Visa status</b>	D7 Passive Income Visa (in process)

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## PERSONAL STATEMENT

Self-taught Senior Software Engineer with 5+ years of experience building CI/CD infrastructure, deployment automation, and internal developer platforms at enterprise scale. Currently leading platform engineering work at The Home Depot — owning end-to-end pipeline architecture serving a 10,000+ developer organisation. Alongside my employed role, I am the sole founder and developer of Partida, an immigration case management platform built specifically for families relocating to Portugal. Based in Lisbon and seeking roles where I can contribute deep infrastructure and software engineering expertise to European teams.

## WORK EXPERIENCE

### Senior Software Engineer

January 2025 – Present

#### The Home Depot · Atlanta, GA · Remote

- Scaled self-hosted GitHub Actions runners using ARCV2, Kubernetes, and Terraform on custom base images — increasing CI throughput across enterprise Paved Road workflows
- Owns end-to-end CI/CD pipeline process: build, scan, validate, and Kubernetes deployment for core SaaS platform tooling
- Led strategic planning and stakeholder discussions around monolithic and microservice-style reusable GitHub Actions workflows
- Mentors junior engineers and drives DevOps best practice standards across the platform engineering organisation

### Software Engineer I & II

June 2022 – January 2025

#### The Home Depot · Atlanta, GA

- Architected self-service GitHub Enterprise Cloud migration tooling handling thousands of repository migrations with zero data loss
- Designed CI/CD automation tooling that measurably reduced operational overhead and build times organisation-wide
- Integrated GCP services (GKE, Artifact Registry) into enterprise deployment pipelines for secure, scalable production deployments
- Spearheaded DevTools documentation overhaul improving developer onboarding for 10,000+ engineers
- Supported scope definition and alignment for enterprise-wide Paved Road migration initiatives

### Systems Engineer

2020

#### Acoustic AI · Remote

- Leveraged Hadoop for large-scale data ingestion and analytics pipeline development
- Automated system health checks and data reliability monitoring using Python and Bash

### DevOps Intern

2019 – 2020

#### Shadow Soft · Remote

- Organised and taught Linux-based study sessions for LFCS certification — entire cohort achieved a 100% pass rate
- Built foundational skills in Linux systems administration, CI/CD, and cloud infrastructure

## PERSONAL PROJECTS

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### Partida — Immigration case management platform, Portugal

2024 – Present

- Sole founder and developer of a full-stack SaaS platform serving families navigating Portuguese visa processes (D7, Digital Nomad, Golden Visa)
- Dual-audience product: client-facing case tracker with document checklists and a lawyer-side dashboard with configurable automated notifications
- Stack: FastAPI · HTMX · PostgreSQL · SQLAlchemy async · Firebase Auth · GCP Cloud Storage · Railway

## EDUCATION

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### Bachelor of Science — Statistical Sociology

2015 – 2019

#### University of California, Davis · Davis, California, USA

Ronald E. McNair Research Fellow — competitive research programme for first-generation and underrepresented scholars

## LANGUAGE SKILLS

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CEFR scale: A1–A2 Basic · B1–B2 Independent · C1–C2 Proficient

<b>English</b>	<b>C2 — Native</b>	<i>First language</i>
<b>Portuguese</b>	<b>A1 — Beginner</b>	<i>Currently learning; based in Lisbon</i>

## DIGITAL & TECHNICAL SKILLS

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<b>CI/CD &amp; Automation</b>	GitHub Actions, Paved Road workflows, pipeline architecture, reusable workflows
<b>Infrastructure</b>	Kubernetes (GKE, self-hosted), Terraform, Helm, Docker, Linux
<b>Cloud platforms</b>	Google Cloud Platform (GKE, Artifact Registry, Cloud Storage), Railway
<b>Programming</b>	Python, Bash, JavaScript, SQL
<b>Backend / APIs</b>	FastAPI, SQLAlchemy async, PostgreSQL, Firebase Auth, REST API design
<b>Developer tooling</b>	GitHub Enterprise, internal tooling, documentation systems, onboarding
<b>Networking</b>	VLANs, VPNs, firewall configuration, observability, monitoring

## ADDITIONAL INFORMATION

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### References

Available upon request.