RUDOLF RISSLING

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EDUCATION

Boston University, Boston, MA
Bachelor of Arts, Computer Science, Expected Graduation: May 2026

SKILLS

Languages: Java, C#, Python, JavaScript, HTML/CSS, SQL, OCaml, Kotlin
Frameworks and Libraries: .NET Core, Flask, React, Bootstrap, JUnit, PyTorch, FastAPI, Node, Django
Technologies and Tools: Git, Docker, Oracle, Gradle, Unix, PostgreSQL, Heroku, Vercel, Jetpack Compose

EXPERIENCE

Lawyer.com, *Basking Ridge, NJ*   *May 2025 – Present*
Consultant (Part-Time, Remote),   *August 2025 – Present*
Automation Integration Engineering Intern,   *May 2025 – August 2025*
- Architected a production-ready Google Workspace AI automation platform enabling complete Gmail management through NL interfaces, including automated email composition and intelligent sorting/filtering
- Developed an advanced NL2SQL engine with vector database integration achieving **85%** query accuracy by parsing conversational input and mapping natural language to complex database schemas
- Built scalable backend systems on GCP using Firestore and Cloud Run with automated triggers, race condition handling, and batch processing, achieving **99.5% uptime** and reducing manual data entry by **60%**
- Delivered end-to-end system deployment with stakeholder presentations to **10+ team members**, comprehensive documentation, and production launch of both platforms for company-wide use

PROJECTS

Ventaura- Personalized Event Recommendations App
C#, Python, React, PostgreSQL (Supabase), Stripe API, Heroku, Vercel
- Led **3-developer team** through **6-month Agile development** building scalable event platform with integrated backend, frontend, and algorithmic components
- Engineered C# backend integrating **5+** event APIs with PostgreSQL Supabase, enabling **10,000+** daily requests with **45%** faster data retrieval through SQL optimization
- Implemented Python DDQL ranking algorithm achieving **sub-second ranking for 1,000+ events** with continuous optimization through live user feedback
- Crafted a responsive React frontend with Stripe payment integration deploying to Heroku/Vercel with dynamic pricing and secure transaction processing

Muse – Creative Community Prompt App
Android / Kotlin, Jetpack Compose, Supabase, Imgur API
- Built community-focused mobile app enabling creative post uploads, sharing, and interaction with Imgur integration, reducing storage costs by **70%**
- Architected relational Supabase database with secure authentication, threaded comments, and discovery algorithm balancing popularity/recency, improving engagement by **35%**
- Designed responsive UI with reusable Jetpack Compose components optimizing like/save batching and reducing user friction through iterative UX testing

INTERESTS

Volunteer – Ukrainian Orthodox Church of the USA
- Organized humanitarian aid collection and distribution efforts for Ukrainian refugees during the Ukraine-Russia war, personally gathering **$1,200+** in essential supplies from local community networks
- Coordinated packaging and logistics operations processing over **$20,000** worth of humanitarian supplies for distribution to refugees in need