WILLIAM HELMRATH

703-853-5873 | william.helmrath@live.com | linkedin.com/in/williamhelmrath | helmrath.me

EXPERIENCE

Instabase | Software Engineer   *August 2022 – Present*
- Primary developer on React + Golang fullstack web app for managing and monitoring 60+ active customer SaaS instances
  - 0 to 1 development within three months, facilitating company's pivot from on-prem deployments to SaaS model
- Designed and implemented shared image caching system across 50+ services, speeding up platform deployment time by 30% and reducing ECR costs
- Reduced frontend build times by 80% by migrating React apps to Vite and upgrading the Node runtime
- Maintain product-wide React + TypeScript component library in collaboration with design team
  - Focus on web accessibility and design system consistency
  - Comprehensive Storybook documentation and Jest test coverage
- Participate in infrastructure on-call rotation, working cross-functionally with engineering teams to triage production incidents and deliver comprehensive root cause analysis reports

Forge | Engineering Team Director   *August 2020 – May 2022*
- Led a 4-person team developing internal software solutions, delegating tasks and action items using ticketing system
- Built React + Firebase app managing 400+ student resumes for internship program
  - Interactive resume builder and filtered partner portal for sales process
  - Automated emails with Sendgrid to connect partners with interested students

TD Securities | Software Engineering Intern   *June 2021 – August 2021*
- Built React web app for analysts to visualize workflows via BPMN diagrams, integrating historical data to visually represent workflow bottlenecks
- Enhanced internal workflow design tool with global datetime context and dynamic API query adjustments

Forge | Web Development Course Instructor   *August 2020 – May 2021*
- Designed and taught semester-long course on full-stack web development (React, JS, HTML/CSS, Express, REST APIs, Git)
- Led weekly lectures and hands-on labs for 20+ students

SKILLS

Languages: JavaScript, TypeScript, Go, Python, CSS, HTML
Frontend: React, React Query, Vite, TailwindCSS, Storybook, Jest
Backend: Gin, Flask, REST APIs, Redis, Firebase
Cloud / DevOps: AWS (EC2, S3, DynamoDB), Docker, Kubernetes, Grafana, Loki

EDUCATION

University of Virginia   *Graduated May 2022*
Bachelor of Science, Computer Science; Minor in Economics
Cumulative GPA: 3.84/4.0; Dean's List 2018 – 2020