Shane King

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Education

Boston College, BS in Computer Science, Minor in Mathematics   Aug 2019 – May 2024

- **Computer Science Coursework:** Data Structures, Algorithms, Machine Learning, Compilers, Operating Systems, Computer Organization and Systems, Data Visualization
- **Mathematics Coursework:** Linear Algebra, Combinatorics, Discrete Mathematics, Differential Equations, Analysis, Abstract Algebra

Skills & Technologies

- **Languages:** Go, TypeScript, JavaScript, SQL, Python
- **Frameworks & Libraries:** React, Next.js, TanStack Query, Tailwind CSS
- **Tools:** Git, GitHub, GitHub Actions, Docker, gcloud CLI
- **Cloud & Infrastructure:** GCP, Terraform, PostgreSQL, Secrets Manager, IAM

Experience

Junior Fullstack Engineer, Juume AI Inc – Reston, VA (Hybrid)   2025 – Present

- Single-digit employee at an AI startup; architected and built core product from the ground up
- Owned frontend development end-to-end, designing and implementing UIs in React, TypeScript, Next.js, and TanStack Query
- Designed and built REST APIs in Golang within a dockerized microservices architecture, backed by PostgreSQL
- Wrote unit and integration tests to ensure reliability across frontend and backend services
- Configured and deployed cloud infrastructure on GCP using Terraform and gcloud CLI
- Implemented security best practices in a zero-trust environment, working with Secrets Manager, IAM, and RBAC
- Operated with high autonomy in a fast-paced environment, making technical decisions across the full stack

Video Manager, Boston College Women's Hockey – Chestnut Hill, MA   Sep 2019 – Mar 2024

- Managed capturing, tagging, and distribution of game film using the XOS software suite
- Employed technical troubleshooting including PowerShell scripting and packet tracing
- Worked as a part of a team of managers, traveling and ensuring gameday operations ran smoothly