

# Shane King

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## Education

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- 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

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- **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

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- 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