

Arnav Bhatia

arnav.cal@gmail.com | 510-386-7045
linkedin.com/in/arnav-bhatia | github.com/arnavbhatia1 | arnavbhatia1.github.io

PROFESSIONAL SUMMARY

Software Engineer with proven impact across platform infrastructure, cloud-native services, and client-facing fullstack applications. Experienced in building model-publishing pipelines, API gateways, and ML automation systems that cut deployment times, improve reliability, and scale across enterprise environments. Recognized for bridging deep engineering execution with storytelling, enabling adoption and measurable business outcomes. A natural connector across technical and business teams, with a track record of driving delivery velocity, reducing critical defects, and influencing product direction.

EDUCATION

BOSTON UNIVERSITY

Boston, MA | 08/20 – 05/24

B.A. – Computer Science • Minor – Business Administration and Management

Societies: Varsity Squash Captain • IM Basketball • BizTech Club • Stock Trading Club • Cybersecurity Club

EXPERIENCE

BLUE YONDER – Software Engineer

Atlanta, GA | 06/24 – Present

- Architected and delivered back-for-frontend gateways that ingest 2,700+ microservice endpoints and auto-generates OpenAPI-driven dynamic UIs, improving enterprise client workflows and usability.
- Built a multi-environment ML model publishing pipeline across 8 environments, reducing deployment time by 60% while enforcing versioning, rollback, and traceability across teams.
- Redesigned frontend flows by identifying UX friction points and building meta-link driven pages, enabling faster access to APIs and smoother adoption for customers.
- Implemented backend scheduling services to automate ML retraining and regression tests to reduce release defects and increase deployment velocity.

MANHATTAN ASSOCIATES – R&D Software Engineer Intern

Atlanta, GA | 05/23 – 08/23

- Built REST microservices and dashboards automating allocation across 200+ fulfillment nodes, improving reliability and supply chain execution.
- Refactored cache-mapping logic, reducing mismatch errors by 90% and boosting order throughput across PSR lines.
- Created Python Jenkins plugins for dynamic ML dataset filtering, cutting test cycle times by 20%.

LIGHTER THAN AIR – Technical Project Engineer Manager Intern

Sunnyvale, CA | 06/22 – 09/22

- Unified 1,200+ avionics artifacts from GitHub, JIRA, and Confluence into a traceability matrix to accelerate FAA reviews.
- Coordinated cross-functional syncs across embedded hardware, flight software, and test teams, unblocking critical path items and keeping certification milestones on track.
- Authored self-documenting API references and SEO-optimized pages for 24 avionics modules, doubling internal discovery rates and cutting onboarding time for new engineers.

PERSONAL PROJECTS

<https://github.com/arnavbhatia1>

Companion Matcher – AI-Powered Pet Adoption Platform (MVP)

- Built a platform connecting 3 animal shelters with grieving owners through semantic profile scoring and dynamic portals.
- Stack: React.js • Azure • OpenAI Embeddings • Radius Search • Match API

SKILLS

Cloud & Infra: Cloud-Native Architecture • Azure/AWS • Docker • Kubernetes • IaC/Terraform • Jenkins • CI/CD Automation
Development: Python • Java • C#/.NET • React.js • Figma • UX/UI Design • REST/gRPC APIs • SQL/NoSQL • Postman
Data, ML & Tools: TensorFlow • GenAI/LLMs • Model Serving Pipelines • OpenAI Cloud • PyTest/JUnit • Git • Agile-Scrum
Certifications: Azure Fundamentals • **In Progress:** Azure AI Engineer, CKAD (2025)

COMMUNITY & INTERESTS

Volunteer Work: Atlanta Humane Society (90+ hours, TNR sheet optimizations, 100+ successful adoptions)

Athletics: Competitive Squash • League Basketball • Calisthenics Coaching

Technology: Space Exploration • AI Agentic Systems • Prompt Engineering • Quant Finance & Algorithmic Trading