

## Arnav Bhatia

arnav.cal@gmail.com • 510 386 7045 • <https://www.linkedin.com/in/arnav-bhatia/>

### PROFESSIONAL SUMMARY

Software Engineer with hands-on experience across backend infrastructure, scalable services, fullstack applications, and modern front-end development. Skilled at designing deployment pipelines, building reliable APIs, and creating intuitive user interfaces. Proven track record of working across teams to solve complex problems, improve developer velocity, and deliver systems that drive measurable business value. Known for versatility and the ability to contribute effectively at every layer of the stack.

### 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*

- Built a multi-environment ML model publishing pipeline (8 environments), cutting deployment time by 60% while standardizing versioning, rollback, and traceability across teams.
- Architected and delivered a back-for-frontend gateway that ingests 2,700+ microservice endpoints and auto-generates OpenAPI docs into dynamic UIs used daily by enterprise clients.
- Designed backend scheduling services to automate ML retraining; implemented regression tests that reduced release defects and increased deployment velocity.
- Embedded SAST/DAST scans into CI/CD pipelines, eliminating critical vulnerabilities across 4 consecutive product cycles.

#### MANHATTAN ASSOCIATES – *R&D Software Engineer Intern*

*Atlanta, GA | 05/23 – 08/23*

- Designed REST microservices and dashboards that automated allocation logic for 200+ fulfillment nodes with live KPIs.
- Refactored cache-mapping logic to reduce mismatch errors by 90%, boosting order throughput by 10% across PSR lines.
- Created Python Jenkins plugins for dynamic ML dataset filtering, reducing test cycle times by ~15 minutes per run.

#### LIGHTER THAN AIR – *Technical Project Engineer Manager Intern*

*Sunnyvale, CA | 06/22 – 09/22*

- Merged 1,200+ avionics and test artifacts across GitHub, JIRA, and Confluence into a unified traceability matrix, speeding up FAA certification documentation reviews by 50%.
- Led cross-functional syncs across embedded hardware, flight software, and test teams; unblocked critical path items through proactive coordination.
- Authored self-documented API references and SEO-optimized pages for 24 avionics modules, doubling internal discovery rates and reducing onboarding time for new engineers.

### PERSONAL PROJECTS

<https://github.com/arnavbhatia1>

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

- Built a React platform to match 20+ animal shelters with grieving owners using semantic adoption profile scoring.
- Tech: React • Node.js • Azure • OpenAI Embeddings • Radius Search • Match API • Shelter Portal

### SKILLS

**Infrastructure & Cloud:** Azure • AWS • Docker • Kubernetes • Jenkins • GitHub Actions • JFrog

**Fullstack:** Python • Java • C# • .NET • REST APIs • SQL • Postman • React • JavaScript/TypeScript • Figma

**ML & Data:** TensorFlow • SQL/NoSQL • Model Serving Pipelines • GenAI

**DevOps & Tooling:** SAST/DAST • PyTest/NUit • Git • JIRA • Confluence • Agile-Scrum

**Certifications:** Azure Fundamentals

- In Progress: AWS Developer Associate, TensorFlow Developer, CKAD (2025)

### COMMUNITY & INTERESTS

**Volunteer Work:** Atlanta Humane Society (80+ hours, TNR sheet optimizations, 100+ successful adoptions)

**Athletics:** Competitive Squash • Semi-Pro Basketball • Calisthenics Coach

**Tech Interests:** Space Tech • AI Prompt Engineering • Quant Finance • Applied AI Ethics