

ARKAPARNA GANTAIT

Atlanta, GA • 4706523218 • arkaparna.90@gmail.com • [linkedin](#) • [Github](#)

EDUCATION

Georgia State University

Atlanta, GA

Bachelor of Science in Computer Science

Expected Graduation 2025

- GSU HONORS PROGRAM GPA 3.66/4
- Relevant Coursework: Principles of Computer Science, Theoretical Foundation of Computer Science, Data Structures, System-Level Programming, Designs and Analysis: Algorithms, Computer Org and Programming, Big Data Programming, Software Development.

EXPERIENCE

CS Tutor, Honors College

Sept 2023 - Present

- Guided over 10 students in foundational computer science concepts, including algorithms, data structures, and problem-solving, leading to improved academic performance.
- Created personalized study plans and explained tricky concepts in a way that was easy to understand, showing strong communication and mentoring skills.

Student Assistant, Patton Hall

Aug 2023 - May 2024

- Assisted students and parents with research resources and answered their questions, making the support experience smoother and more effective.
- Worked closely with a team to achieve and exceed goals for student services, demonstrating strong collaboration and communication skills.

PROJECTS

Pulse

Sept 2024 - Nov 2024

- Automated infrastructure deployment using Docker and Jenkins, reducing manual setup time by 40% and streamlining development pipelines.
- Configured a CI/CD pipeline that facilitated 100% automated testing and integration, increasing deployment efficiency by 35%.
- Deployed microservices on AWS, scaling applications to handle 10,000+ concurrent users with load balancers and auto-scaling.
- Monitored application performance using Grafana and Prometheus, ensuring 99.9% uptime and improving issue detection time by 20%.

Portfolio Website

Jan 2024 - Apr 2024

- Built a portfolio website using TypeScript, Tailwind CSS, and Next.js, generating 50+ visitors monthly to showcase personal projects.
- Improved user engagement by 30% by integrating Framer Motion animations, delivering a smooth and interactive experience.
- Ensured cross-device compatibility with responsive design principles, achieving a seamless user experience on desktops, tablets, and mobile devices.

SKILLS

Languages: Python, HTML5, CSS3, Java, C/C++, JavaScript/TypeScript, PowerShell, Assembly, SQL, Scala

Frameworks & Libraries: Next.js, Node.js, Tailwind CSS, Framer Motion

Databases: MySQL, Firebase

Developer Tools: Wireshark, Jupyter Notebook, Git/GitHub, Figma, Visual Studio Code, Docker, Prometheus, Grafana