

Piyush Rajendra

Athens, GA | [LinkedIn](#) | 706-240-4201 | piyush.rajendra@gmail.com | [Portfolio](#)

EDUCATION

University of Georgia

Athens, GA

MS in Computer Science (GPA: 3.5)

Graduation Date: December 2025

- Relevant Coursework: **Software Engineering**, Mobile Software Development, Database Management, **Algorithms**, Computer Networks, **Machine Learning**, **Artificial Intelligence**, **Large Language Models**, Distributed Systems

WORK EXPERIENCE

UGA Dev Club

Athens, GA

Software Developer

June 2024 - Present

- **Automated 100% of the manual process** by developing an online platform to store scores, send rules, and announce winners, which was previously handled manually.
- **Configured the backend and frontend infrastructure** and handed it over to the team for further development, ensuring smooth progress while monitoring and fixing backend bugs.
- **Enhanced system performance and scalability** by migrating the database from JawsDB to Amazon RDS using AWS Database Migration Service (DMS), resulting in a 30% improvement in data retrieval speed through query optimization and efficient indexing strategies.
- **Facilitated effective team collaboration** by setting up version control systems (e.g., Git), leading to a 20% reduction in code conflicts.
- **Reduced server response time by 40%** by implementing asynchronous processing and optimizing server configurations.

Sumago Infotech

REMOTE

Software Engineer Intern

January 2023 - September 2023

- **Enabled the company to generate revenue** from an online learning platform by collaborating with a team to develop and deploy the web application in 4 months.
- **Increased stability and user likability by 20%** by revamping the product from an outdated stack to a modern one, leading to better performance and engagement.
- **Worked in an Agile Scrum environment**, ensuring timely delivery of features and participating in iterative development to improve the product.

ACADEMIC PROJECTS

Get-the-Show

April 2024

- **Developed a full-stack movie ticket booking system** using ReactJS, Node.js (Express), SQL (PostgreSQL), and Firebase, leading backend development to ensure smooth database interactions and user authentication
- **Enhanced authentication security** by implementing real-time OTP verification via Firebase Authentication, leveraging Twilio for SMS-based verification.
- **Optimized performance with Redis for caching**, reducing page load times and improving app speed by 30%.

RELEVANT PROJECTS

Learn Labs at HackATL

Atlanta, GA

Team Lead

March 2024

- **Developed a scalable video streaming platform** using Angular, Node.js (Express), and Firebase, ensuring seamless learning experiences.
- **Deployed containerized services with Kubernetes**, ensuring high availability and fault tolerance across cloud environments

SKILLS

Programming Languages: C, C++, Java, Python, JavaScript, TypeScript.

Frameworks and Libraries: Angular, React.js, Next.js.

Database: MongoDB, PostgreSQL, Google Firebase, Google Cloud Storage, SQL, MySQL

Cloud Platforms: Heroku, Vercel, AWS, Azure.

Development Tools: Git, Docker, Kubernetes.