

Ganapathi Raman Deivanayagam

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EXPERIENCE

Rural Studies Institute, GCSU (Sponsored by Georgia Tech PIN Program)

Milledgeville, GA

Front-End Developer & Data Visualization Intern

May 2025 – Aug 2025

- Designed and deployed interactive, data-driven maps for the Black Belt Regional Database using **JavaScript, Leaflet.js, and WordPress**.
- Automated data pipelines converting spreadsheets to **GeoJSON**, reducing integration time by **30%**.
- Collaborated with researchers and policymakers to launch a public-facing platform.
- Presented solutions at the *Emerging Innovators Celebration*, enhancing project visibility.

Meghana IT Services LLP

Chennai, India

Full Stack Engineer Intern

May 2023 – Jul 2023

- Led a 3-member team to streamline workflows, cutting project turnaround time by **20%**.
- Developed full-stack features using **React.js, Node.js, and MySQL** in an agile environment.
- Coordinated client deliverables and budgets, ensuring **100% on-time completion**.

PROJECTS

Enterprise Management System (AI-Powered)

- Built an AI-driven platform improving efficiency by **30%** and scalability by **25%**.
- Integrated **AWS services** and **OpenAI APIs** for intelligent decision support.

Employee Management & Reporting (EMR)

- Developed a workforce management web app that reduced HR workload by **40%**.
- Integrated reporting/analytics features that improved efficiency by **15%**.

Movie Ticket Booking System

- Created a ticket booking platform with **real-time seat selection, booking, and payments**.
- Designed a secure and user-friendly interface with authentication and payment integration.

TECHNICAL SKILLS

- Languages:** Python, JavaScript/TypeScript, Java, SQL, HTML/CSS
- Frameworks:** React.js, Node.js, Express.js, Next.js, Tailwind CSS
- Databases:** MongoDB, PostgreSQL, MySQL, Redis
- Cloud & DevOps:** AWS (EC2, S3, Lambda), Docker, Kubernetes, Nginx, GCP, Azure, Linux
- API Services:** REST APIs, gRPC, GraphQL, Swagger/OpenAPI, Google Maps API
- Tools & Libraries:** Git, Recoil, NumPy, Postman, Curl
- Other:** Agile/Scrum, GitHub CI/CD, System Design, UML, Trello, Data Cleaning, Pandas

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Postman API Fundamentals – Student Expert

EDUCATION

The University of Georgia

Athens, GA

Master of Science in Computer Science (Expected May 2026)

- Coursework: Software Engineering, Database Management, Algorithms, Computer Networks, Data Science, Advanced Representation Learning

Sathyabama Institute of Science and Technology

Chennai, India

Bachelor of Engineering in Computer Science (Jun 2024)