

Ganapathi Raman Deivanayagam

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SUMMARY

Motivated MS Computer Science student specializing in Full-Stack Development and Cloud Services, currently seeking co-op or internship opportunities. Experienced in deploying scalable cloud solutions and managing projects that drive operational improvements. Interested in bringing technical expertise, problem-solving skills, and passion for innovation to a dynamic team focused on developing forward-thinking solutions.

EXPERIENCE

Meghana IT Services LLP

Full Stack Engineer Intern

Chennai, India

May 2023 – July 2023

- Orchestrated and empowered diverse teams to achieve streamlined processes, leading to a 20% reduction in project completion time through the implementation of an Internal Management System
- Demonstrated effective project management skills by consistently delivering projects on time and within budget, highlighting my ability to navigate and succeed in a dynamic work environment

PROJECTS

Enterprise Management System powered by OpenAI

- Spearheaded the development of an innovative system, utilizing AI and machine learning, which improved enterprise management efficiency by 30% and scalability by 25%
- Engineered seamless system integration, offering tools for streamlined operations, improved decision-making, and resource optimization, directly contributing to a 20% increase in competitiveness

EMR using AWS Services

- Led the design and implementation of a dynamic web application, reducing HR workload by 40% through automation and streamlining employee-related processes
- Provided valuable insights via integrated reporting and analytics features, leading to a 15% increase in workforce management efficiency

Movie Ticket Booking System

Express.JS, React.JS, MySQL

- Spearheaded the creation of a movie ticket booking application, integrating Express.JS, React.JS, and MySQL for a comprehensive solution
- Implemented an engaging user interface facilitating effortless movie selection and booking processes
- Established a secure, efficient payment gateway, enhancing user trust and system reliability

TECHNICAL SKILLS

- **Programming:** Python, Java, JavaScript/TypeScript, HTML/CSS, SQL
- **Web Frameworks:** React.js, Node.js, Express.js, Next.js, Tailwind
- **Libraries & Tools:** Git, Scikit-learn, TensorFlow, NumPy, Fission, gRPC
- **DevOps & Cloud:** Docker, Kubernetes, Nginx, AWS, GCP, Azure, Linux
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Additional Skills:** Web Architecture, Full-Stack Development, Problem Solving, Data Structure and Algorithms

CERTIFICATIONS

- **AWS:** AWS Certified Cloud Practitioner
- **Postman:** API Fundamentals Student Expert

EDUCATION

The University of Georgia

Athens, GA

Master of Science in Computer Science

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

Sathyabama Institute of Science and Technology

Chennai, TN

Bachelor of Engineering: Computer Science