

GANAPATHI RAMAN DEIVANAYAGAM

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SUMMARY

Motivated MS Computer Science student specializing in AWS cloud services and full-stack development with the MERN stack, seeking co-op or internship opportunities. Experienced in deploying scalable cloud solutions and managing projects that drive operational improvements. Eager to bring technical expertise, problem-solving skills, and a passion for innovation to a dynamic team focused on developing forward-thinking solutions.

Education

The University of Georgia

Master of Science in Computer Science

Aug 2024 - Present

Athens, GA

Relevant Coursework:

Software Engineering, Database Management, Algorithms, Computer Networks, Data Science

Sathyabama Institute of Science and Technology

Bachelor of Engineering: Computer Science

August 2020 - May 2024

Chennai, India

Technical Skills

Languages: Python, Java, HTML, CSS, JavaScript, TypeScript SQL

Frameworks: React.JS, Express.js, Node.JS, Next.JS, Fission, gRPC, Scikit-learn, TensorFlow, NumPy

Databases: PostgreSQL, MySQL, MongoDB

Platforms: Linux

Tools: Git, Docker, Kubernetes, Nginx

Cloud: Amazon Web Services (AWS), Google Cloud Platform (GCP) and Microsoft Azure

Skills: Developing APIs, Machine Learning, Web Applications, Web Architecture, Designing Front and Back End, Web Design, Responsiveness

Soft Skills: Problem Solving Skills, Organizational, Verbal Communication

Experience

Meghana IT Services LLP

Full Stack Engineer Intern

Aug 2023 - Sep 2023

Chennai, India

- 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.

Certifications

- AWS Certified Cloud Practitioner
- Postman API Fundamentals Student Expert