

SIDDHARTH SINGH

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EDUCATION

New York University | New York, NY | *Sept. 2023 - May 2025*

Master of Computer Science, GPA: 3.61/4.0

Relevant Coursework: Data Science, Cloud Computing, Database Systems, Machine Learning, Algorithms

SRM Institute of Science and Technology | Chennai, India | *Jul. 2017 - May 2021*

Bachelor of Computer Science and Engineering, GPA: 8.10/10

EXPERIENCE

Cognizant Technology Solutions | Google Cloud Engineer | *Jul. 2021 - Aug. 2023*

Hyderabad, India

- Enhanced team performance by 35% through scalable system implementations on GCP, including Compute Engine and Kubernetes Engine; managed infrastructure using Cloud Deployment Manager and Terraform.
- Achieved a 40% increase in operational efficiency by optimizing cloud-native applications with BigQuery, Cloud Functions, and Firebase.
- Improved the efficiency of 8 new hires by over 50% through GCP training and mentoring, demonstrating expertise in cloud migrations and deployments.
- Maintained a notable 99.9% system availability rate for Spotify, Netflix, and Bank of India.

Webtech Infomedia Pvt Ltd. | Web Development Intern | *June. 2019 - Aug. 2019*

Mumbai, India

- Created web interface for smart device management using HTML, Node.js, and Bootstrap; integrated energy consumption analytics, device control, model selection, and interactive data visualization.
- Established security protocols resulting in enhanced data integrity and reduced security risks.

PROJECTS

Taleweaver: AWS Rekognition and OpenAI's GPT for AI-driven image recognition and creative story generation. Utilized AWS DynamoDB for high-performance data storage and retrieval.

Serverless Dining Concierge Chatbot: Developed web application providing restaurant suggestions based on user preferences using AWS technology.

TECHNICAL SKILLS

Programming Languages: Java, Node, Rust, Django, Python, C, SQL, HTML, JavaScript

Database Systems: Redshift, CloudSQL, Cloud Spanner, AlloyDB, BigQuery, BigTable, DynamoDB, RDS

Certifications: Professional Cloud DevOps Engineer, Associate Cloud Engineer, Deep Learning

Other Technologies: GCP, AWS, Docker, Kubernetes, Git, NumPy, Pandas, Tensorflow, Redis