

KARTHIK M

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OBJECTIVE

As a fresher with a passion for the IT industry, I bring a fresh perspective and eagerness to contribute to the dynamic fields of cloud AWS, networking, and DevOps. Through coursework and hands-on projects, I have gained exposure to these areas and am eager to tackle challenges and drive innovation in a professional setting. I am enthusiastic about leveraging my skills and learning from experienced professionals to make meaningful contributions to cutting-edge projects in the IT industry.

EDUCATION

Bachelor of Technology in Artificial Intelligence and Data science,

J.N.N Institute of Engineering with the CGPA of 8.26 **(2020-2024)**

Higher Secondary Education,

National Lotus Matriculation Hr. sec. School with 62% **(2018-2020)**

SKILLS

Technical Skills	AWS, EC2 and S3, Amazon RDS, GitHub, Terraform, Docker, Jenkins, IAM, HTML, CSS, MySQL, Python (BOTO3)
Soft Skills	Strong problem-solving abilities, combined with a dynamic working style with quick learning.
Languages Known	Tamil, English

PROJECTS

- **AWS S3 to Google Drive Automation-(SEP 2024):** Developed a Python script using Boto3 to automate file transfers from AWS S3 to Google Drive, using AWS IAM credentials for secure access. Files were temporarily stored locally before being moved to Google Drive via a Google service account. This project optimized cloud file management and seamless integration between AWS and Google Drive.

- **Cloud based trading Bot – (APR 2023):** Built a cloud based trading bot for the beginners who are all willing to start their trading career its implemented by Python flask framework, Manual API Testing with Postman API and which has integrated with Telegram channel for receiving Trading Alerts the alerts were generated by Trading View Chart which is done for academic mini project.
- **Implementation of Learning Algorithm for Real Time Deployment-(APR 2024):** Build a project that is based on the microservices architecture (used Cloud based Trading Bot as an example) to prevent the single point of failure. Implemented the learning algorithms such as NLP and tokenization technique for the website. In which the content or the alert generated which is both visible through multiple messaging channel through the website and the telegram application. Project Demo Video Link

https://drive.google.com/file/d/1T2KVGpeoDQedGx885CiU5GSgTJbcC1V/view?usp=drive_link

CERTIFICATIONS AND RESEARCH PAPERS

- Successfully completed the AWS Cloud Practitioner examination, demonstrating proficiency in foundational cloud concepts and AWS services. Currently enhancing skills in infrastructure as code . (IaC) and cloud architecture through self-directed learning of Terraform and AWS Solutions Architect [AWS Certified Cloud Practitioner - Credly](#)
- Front-End Web Development:
<https://drive.google.com/file/d/1k2spCuq03tnb2T2FdEdLl7ofxWNQGDec/view?usp=drivesdk>
https://drive.google.com/file/d/1k3CxCPpdZvgS8R_FWqZdGo5zvnGF5Jqn/view?usp=drivesdk
- Pioneered research in cloud-based trading bots, contributing to the field with innovative strategies and algorithms. Published papers on implementing learning algorithms for real-time deployment projects and an integrated approach for virtual cloud environments, showcasing expertise in cutting-edge technologies and solutions.
- Book Title: Applications of generative artificial intelligence and data science, Editors. J. N. Swaminathan, Dr. Raghav Menon ISBN:978-93-92892-84-4, Pages: 126 (Paperback) DOI: 10.54646/AGAIDS.2024.01
- Research Paper Presentation:
<https://www.ijaresm.com/integrated-approach-for-cloud-virtual-environment>