

Achyut Krishna Sai Adiraju

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🧠 Skills

Cloud Computing: AWS, Azure, GCP, Oracle

DevOps Tools: Docker, Kubernetes, Elasticsearch, Logstash, Kibana, Git and Github.

Machine Learning Frameworks: TensorFlow, Keras, OpenCV, scikit-learn, NumPy, pandas, Matplotlib, NLTK

Web Development: React, Node, PHP, HTML, CSS, JS

Programming Languages: Python

Linux & Unix Scripting | Research and Agile Methodology

📁 Projects

Blind Stick, IoT technology(Nvidia Jetson Nano)

November 2022 – January 2023

- Designed and patented a unique IoT-based Blind Stick
- Aided visually impaired individuals.
- Utilized machine learning and deep learning algorithms to identify objects and their distances, relaying information via a Bluetooth earpiece.

Covid Web Care, Web Application

August 2021 – November 2021

- Built a web application connecting essential health services and information.
- actively informed users about risks and containment advisories and offered health services and self-assessments.
- Leveraged Azure deployment and the GitHub Actions CICD Pipeline for efficient development and continuous integration, enhancing its impact.

🏆 Achievement

Finalist in Code Unnati Innovation Marathon,

Accomplished a spot on one of 25 teams in a state-level hackathon

CVM Hackathon Finalist, Made it to the final round of a state-level hackathon with 600+ teams and finished in the top 20.

HACKERANK, Earned 5 Star In Python, C & C++

ProjectEuler+, Ranking of 1914

Sports, State level Basketball Player & Swimmer

🏢 Industrial Training | Hands-on Learning

Code Unnati, SAP, CSR wings of different corporate companies, and Government as well as non-profit organizations

Future Ready Talent, Microsoft

Networking Academy Learn-A-Thon, Cisco

🎓 Education

CSPIT-Charotar University of Science and Technology, Bachelor of Technology (BTech)

August 2020 – May 2024 | Changa, Anand, Gujarat, India

📁 Experience

Motorola Solutions, Cloud Infrastructure Architect

May 2022 – August 2023 | Bangalore, India

- Developed expertise in Agile, **Docker, Kubernetes, AWS, Azure**, Multicloud architecture, and DevOps.
- Led a key role in impactful projects: "MultiCloud" & "K8 API."
- Remodeled **cloud-based infrastructure** solutions that Improved seamless operations across multiple platforms.
- Automated critical tasks Using **Python and Bash** scripting to **optimized** system performance and **scalability** in a cloud environment saved significant time and resources.
- Created **robust APIs** with AWS services (**Amazon API Gateway and AWS Lambda**), facilitating seamless integration and an enhanced user experience.

InMovidu Technologies Pvt Limited, Cloud Engineer Intern

December 2021 – February 2022 | Surat, India

- Strengthened expertise in cloud infrastructure provisioning, application deployment, and continuous integration practices.
- Engineered, impactful projects like
 - Created a **Virtual Private Server** on AWS and **Hosted a Dynamic Web Application**, resulting in Enhanced security and scalability.
 - Hosted MERN applications** on AWS, Built a **CI/CD pipeline** and **AWS Amplify**, Achieved streamlined deployments, and optimized resource utilization.

JSW, Software Engineer Intern

May 2022 – June 2022 | Dolvi, India

- Designed and Developed the **"WORK STOPPAGE"** project
- Studied and Gained **hands-on experience** in **web development** technologies like HTML, CSS, **JavaScript, JSP**, and the **Azure cloud platform**.

📄 Certifications

- AWS Associate Solution Architect (SAA-CO3)
- AWS Certified Cloud Practitioner (CLF-CO1)
- Oracle OCI Foundations Associate [1Z0-1085-21]
- Microsoft Azure Fundamentals (AZ900)
- Microsoft Azure AI Fundamentals (AI:900)
- CCNA: Introduction to Networks

📄 Research and Publications

ViTFER: Facial Emotion Recognition with Vision Transformers, Applied System Innovation, MDPI

Facial Emotion Recognition with Inter-Modality-Attention-Transformer-Based Self-Supervised Learning, Electronics, MDPI

Brain Tumor Segmentation Using Novel Box U-NET, IEEE Xplore (Under Review)