

# Rishit Reddy Palle

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## SUMMARY

I am a recent Computer Science graduate from Blekinge Institute of Technology with hands-on experience in cloud computing, particularly in deploying and managing applications on cloud platforms. Currently, I am a Full Stack Intern with experience in developing cloud-native applications, microservices, and deploying solutions on platforms like AWS and Kubernetes. I am proficient in Python, GoLang, Docker, and Kubernetes, and have contributed to projects demonstrating my skills in cloud architecture, deployment, and software optimization.

## SKILLS

<b>Languages:</b>	Python, GoLang, C, C++, JavaScript, TypeScript, Shell Script
<b>Frameworks:</b>	Django, Flask, NextJS, ReactJS, Flutter
<b>Operating Systems:</b>	Linux, Windows
<b>Tools &amp; Technologies:</b>	AWS, Docker, Kubernetes, Git, APIs, Microservices
<b>Interpersonal Skills:</b>	Communication, Strategic Planning, Leadership, Teamwork

## EXPERIENCE

- NoGapps** Remote, Denmark  
*Full Stack Intern* July 2024 - Present
  - Enhanced an existing e-commerce platform by debugging and adding new functionalities to the MedusaJS storefront, leading to improved user engagement. Expanded platform functionality over 3 months, reducing user-reported issues by 25%.
  - Developed and integrated custom APIs to connect the backend with an internal organizational tool, streamlining data management.
- SCIMICS Edtech Pvt Ltd** Tirupati, India  
*Full Stack Developer* Jan 2023 - Jan 2024
  - Led the end-to-end development of a test platform, using React for the frontend and Django for the backend, effectively assessing and evaluating core skills of students.
- MocX** Tirupati, India  
*Co-Founder* Aug 2021 - Jun 2022
  - Played a crucial role in launching MocX, a platform dedicated to mock interviews, supporting over 200 of users in preparing for interviews.
  - Led the design and development of the platform using Django, focusing on a user-friendly interface to ensure ease of navigation and efficient user onboarding.

## EDUCATION

- Bachelor's in Computer Science (Exchange Program)** Sweden  
*Blekinge Institute of Technology* Aug 2023 - Jun 2024
- Bachelor's in Computer Science and Engineering** India  
*Sri Venkateswara University College of Engineering* June 2020 - Jun 2023

## PROJECTS

- Cloud-Based File Processing System (Go, Docker, Kubernetes, Minikube) — GitHub:**  
Developed a microservices-based cloud-native file processing system with local deployment on Kubernetes and Minikube.
- Cloud Computing - Hosting Website on AWS EC2 with Auto Scaling (Python, Flask, AWS):**  
Built a Flask-based website hosted on an AWS EC2 instance with auto-scaling to enhance performance and reliability.
- Predictive Maintenance for Turbofan Engines (Streamlit, Scikit-Learn, Azure) — GitHub, Website:**  
Developed an AI-powered predictive maintenance application, deployed on Azure App Service, utilizing NASA's Turbofan Engine Degradation dataset.
- Covid Simulation Using Python (Python, Pandas, Matplotlib) — GitHub:**  
Simulated COVID-19 spread using a Markov chain model, generating data visualizations for specific regions.
- CropNeeds - E-commerce Platform (ReactJS, Firebase, OpenAI) — GitHub, Website:**  
Developed an e-commerce platform for agricultural products using ReactJS and Firebase, incorporating OpenAI functionalities.

## PUBLICATIONS

- Evaluating the Impact of Data Augmentation on MobileNet Performance in Handwritten Signature Identification — GitHub / Paper:**  
Conducted research on the effects of data augmentation techniques on MobileNetV3, achieving enhanced accuracy and generalization. Utilized Python, TensorFlow, Keras, and AWS EC2 for model training and analysis.