SANTHOSH REDDY BARLA

Mobile number: +91 7075047740 | Email id: santhosh_reddy_@outlook.com

https://github.com/santhosh-reddy03 | https://www.linkedin.com/in/santhosh-reddy-barla-bb188914a/

SUMMARY:

I am a passionate software developer with more than 3+ years of experience. I specialize in developing scalable web applications, have expertise in cloud technologies(Azure and AWS), and practice agile development and CI/CD. I bring strong problem-solving abilities and can work independently or collaboratively as part of a team.

SKILLS:

Programming Languages – Python, JavaScript, HTML/CSS

Databases – PostgreSQL, SQL Server, MySQL

Technologies and tools – Azure, AWS, Git, Linux, Poetry

Frameworks – Flask, Django, Pytest, FastAPI, ReactJS

WORK EXPERIENCE:

Triax Technologies (1 May 2023 - 22 Sep 2023):

- Worked as a Full Stack Developer and involved in multiple projects such as SpotR, ProxTrace and FST.
- Helped modernize the Flask application to fastAPI and followed TDD.
- Have written and updated GitHub CICD pipelines for ProxTrace and FST

Roxiler Systems (11 April 2022 - 14 April 2023):

- Worked as an AWS developer associate using both Python and Nodejs and created highly available and scalable microservices using aws serverless services like **Lambda**, **API-Gateway**, **Cognito**, **SNS, and SQS**.
- Refactored the code and reduced the lambda timeouts by 95%.
- Developed a standalone service that uploads log files collected from a remote Linux server to **s3** using Python and developed a reporting service that produces results based on data in files available in **s3** and Elasticsearch.
- Implemented MFA and self-service password reset policy for IAM users, as well as MFA delete for s3 buckets.
- Led junior developer to implement self-service password reset and user lock-out mechanism for wrong passwords.

Tata Consultancy Services (02 November 2020 - 10 April 2022):

- Worked as an **Azure Administrator** and Full-stack developer.
- Developed a monitoring tool using **Django** and **React** and implemented continuous integration and deployment for the project.
- Automated common infrastructure deployments using Azure deployment templates to perform consistent launch of services in a cloud environment.
- Achieved fresco play score of 2.5 within 1.2 years which is an internal training tool to learn new technologies.

Digitowork (20 January 2020 - 31 August 2020):

- Developed a data profiling web application using Django, Pandas, NumPy and successfully deployed it using **nginx** server on Amazon ec2.
- I have introduced the practices of agile methodologies like scrum into my project and followed rigorously.

INTERNSHIP:

- **Face recognition and its movement analysis (Python)**
  I interned at CoArtha Techno solutions where I analyzed whether there is a person's face present in a video, eye pupil movement in the face, head movement and lip movement using **PIL library**, **opencv** and **face-recognition** module.

EDUCATION:

University College of Engineering (A) - Osmania University   Sept 2014 – May 2018

Bachelor of Engineering in Mechanical Engineering   GPA – 7.03

CERTIFICATIONS:

- Azure Certifications – Az - 900(Azure Fundamentals), Az - 104(Azure administrator).
- AWS Certifications – DVA-C01(AWS Developer - Associate)

ACADEMIC ACHIEVEMENTS:

- Secured 2390 rank in Engineering and Medical common entrance test (EAMCET)-2014.