

Vaddi Durga Varaprasad

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Career Objective:

Aspiring to contribute my expertise in AWS cloud, Flutter, System Design, and DevOps to a dynamic IT company. My objective is to actively engage in cutting-edge technology projects, harness my creativity, and enhance my proficiency in optimizing IT solutions.

Academic Details:

08/2020 - present	Bachelor of Engineering, BMSCE - Bengaluru CGPA: 9.3/10
06/2018 - 03/2020	Board of Intermediate, FIITJEE - Vijayawada Percentage: 95.3%
04/2018	Board of Secondary Education, Mahati - Tadepalligudem CGPA: 10/10

Technical skills:

Programming Languages : C, Java, Python

App Development : Flutter

Web Development : HTML , CSS, Node js

Familiar Database : MySql, MongoDB

Machine Learning : Implementing all machine learning algorithms and
OpenCV (image processing)

Deep learning : Tensorflow (CNN)

DevOps : Jenkins , Docker , Kubernetes(basic), Basic working
with Cloud(AWS) , System Design / Architecture

Good understanding of fundamentals and implementation of different Data structures and Algorithms

Projects:

- [HPE-React-forms-blockly](#) I worked on a project as part of the HPE-CTY program, where we made form creation easier by arranging blocks. We used React forms and Google Blockly to achieve this, simplifying the process and improving efficiency.
- [Dittox](#)
status (ongoing) Dittox is a versatile service app for both Xerox shop vendors and users. It leverages Flutter for its front-end, and AWS Amplify (S3, DynamoDB, Cognito, AWS Redis Cache, AWS SNS) as its robust backend infrastructure, along with Google Maps integration. Users can conveniently send their documents to nearby shops for printing, offering a seamless printing experience.
- [BMSce Alumni Website](#)
status (Completed) College Alumni website with HTML, CSS, JavaScript, and Node.js as the backend framework, powered by a MySQL database. It enables BMSce alumni to share experiences, post jobs, and host events like podcasts.
- [Face mask detection](#)
status (Completed) Implementing face detection using Haar-cascade and OpenCV for preprocessing, followed by TensorFlow's CNN model trained on Kaggle's 10k images to detect mask-wearing status.
- [Todo - Devops web app](#) Developing a Django-based Todo web application hosted on an AWS EC2 instance. Setting up a CI/CD pipeline with Jenkins for GitHub integration using webhooks and utilizing Docker for containerization.

Work Experience:

➤ System Engineer Intern | Confluent

- Assisted in writing Python Selenium scripts.
- Engineered automated workflows to bridge the gap between JSM (Jira Service Management) and Okta, enhancing system integration and user authentication
- Managed the transition from ATSpoke to JSM by meticulously analyzing and interpreting JSON dumps, guaranteeing data integrity during migration

Achievements :

- Currently serving as the Lead Developer for Dittox, a College-level Startup
- Participated in the e-Yantra National Level Robotic Competition, where I programmed a bot in Elixir for image processing and designed algorithms to identify and fill potholes with thermo balls.