

# Naveen Kumar Boddeda

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## Summary

I am a Lead Engineer and with 2 years of experience in cloud computing technologies, ETL tools, and data analysis.

I have extensive knowledge in Amazon Web Services (AWS) and Microsoft Azure. My experience also includes automating processes using DevOps tools, building ETL pipelines, and performing data analyses.

## Skills

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| <ul style="list-style-type: none"><li>• Python,Django,Flask,Pyspark</li><li>• Reactjs and Angularjs</li><li>• Linux administration and Bash</li><li>• Cloud - AWS,AZURE and GCP</li><li>• CI/CD - Jenkins,Docker,Gitlab and github actions</li></ul> | <ul style="list-style-type: none"><li>• Web Servers - Nginx , Gunicorn</li><li>• Database - PostgreSQL,MySQL</li><li>• NLP,Textblob,Pandas,Numpy,Multi-Thearding</li><li>• Team Oversight,Prototyping,Workflow Development</li><li>• Teamwork and Collaboration</li></ul> |
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## Experience

### ADP - Data Miner

March 2023 to Current

Hyderabad, India

- Specified system components or direct product modifications to verify conformance with engineering design or performance specifications.
- Developed and executed DevOps strategy to deploy software that improves application health and performance.

### CloudEarl Solutions – Startup

March 2021 to Feb 2023

### Lead R&D Engineer

Visakhapatnam, India

- Developed a Cloud Cost optimization tool from scratch for multi-cloud AWS, AZURE, and GCP.
- Implemented a python script to capture the compute resource metrics using SDK.
- Extracted data from different Cloud SDK's, transform the data into a usable and trusted resource, and load into database and Visualized in our application as a Savings Advisor
- Implemented ci/cd pipelines for both development and production deployments using GitLab webhooks and Jenkins pipelines.
- Introduced cloud-based technologies into Python development to expand on-premise deployment options.
- Created a Slack Bot to get notified about their user actions from the applications.
- worked on multiple bash scripts to integrate cloud accounts to Cloudearl Cost Optimizer.
- Automated the concurrent Management Scripts using Crontabs.
- Managed AWS IAM and AZURE AD to administration actions.
- Automated application build and deployment, driving efficiency of code development process.
- Managed all levels of internal analytics practice, including ETL, database administration, report development and integration.

### Application Tech Stack

Frontend - Reactjs and angularjs

Backend - Django rest API

### Concurrent Manager Stack

AWS - Boto3 client using Python

AZURE - Rest API and python SDK azure-mgmt

GCP - Rest API and python SDK

- Designed and implemented high-availability applications to meet strategic goals.
- Implemented performance, quality and efficiency measures to achieve aggressive production goals.
- Implemented cloud policies, managed technology requests and maintained service availability.
- Integrated object-oriented design and development techniques into projects to support usability goals.

## Projects

### Chat Bot: (Flask, NLP)

It's a multi-language chat bot which helps to guide a farmer to decide What to grow and in which specific field according to season.

**Prediction of Diabetic Retinopathy:** using machine learning concepts CNN , image preprocessing techniques.

### Financial Analysis using DASH:

This project will visualize about complete financial among university by semester wise as well as year wise analysis.

### Car price (Flask, Frontend technologies): Price Prediction

Predicting a used car price based on some features from Cardekho data set and deployed in this model using flask in Heroku.

### **Crime Cases in India: Data Analysis**

Analysis of state wise and district wise crime cases in India and implemented EDA.

## **Education**

**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

April 2021

**Bachelor of Technology: Computer Science**

Visakhapatnam

- GCPA : 8.5

## **Websites, Portfolios, Profiles**

- <https://github.com/sai-naveen-kumar>
- <https://www.linkedin.com/in/naveen-kumar->

## **Certifications**

- [IBM badge and certification on data analysis](#)
- [Machine learning from Stanford](#)