

---

## **SUNKU BHANU KEDHAAR NATH**

**Address:** 857 Spiros Ct. Unit 104 Dekalb, Illinois 60115 USA

**Contact No.:** +17799107295 | **Email ID:** bhanukedhar09@gmail.com

### **ACADEMIC PROFILE**

- Master of science in **Computer Science** from **Northern Illinois University**, Dekalb, Illinois. Currently in First semester, 2022 - 2024
- Bachelor of Technology in **Computer Science and Engineering** from Amrita School of Engineering, Amritapuri, Kerala (affiliated to **Amrita University**), in 2017-2021

### **PROJECTS UNDERTAKEN**

**Title:** CBSE Result Recognition using OCR, Nov 2021 - Jan 22

Organization: Amrita Create (Government research project)

- Objective: Collect mark list data from scanned pdf's and convert into text using OCR and tesseract fill in the excel using open cv
- Outcome: The model was able to show 86 percent accuracy
- Team Size: 2
- Role: Research Assistant and Developer
- Tools Used: OCR, Tesseract OpenCV, Python and libraries

**Title:** Migration of Mac Machines, April - August 2021

Organization: Alation, Chennai

- Objective: Migrating company's Mac machines to newly introduced AWS EC2 Mac instances and integrating with all of alation's tech infrastructure
- Outcome: Successfully implemented in the Alation's test environment and ready for the production deployment with additional security
- Team Size: 1
- Role: DevOps Engineer Intern
- Tools Used: Bash, python, MacOS, AWS, Jenkins, Jumpcloud

**Title:** Analyzing and ranking Resume/CV Using NLP, August 2020 - June 2021

Institution: Amrita School of Engineering, Amritapuri, Kerala (Final year Project)

- Objective: Analyzing and sorting the resume based on skills, experience and education for the employer and gives feedback to others who are not selected
- Outcome: Successfully developed all the features that we have mentioned
- Team Size: 4
- Role: Developer and takes care of cloud infra
- Tools Used: NLP, Pyresparser, Python, GCP, SQL, Html, CSS

**Title:** Music Store Management System (Database Management project with a web interface), February - March 2019

Institution: Amrita School of Engineering, Amritapuri, Kerala

- Objective: Creating a database infra handles the sales and customer information

- Team Size: 3
- Role: Developer and Lead the Team
- Tools Used: SQL, Schema and ER models

## INDUSTRIAL TRAINING AND INTERNSHIPS

**DevOps Engineer Intern**—Alation, Chennai/Tamil Nādu—April—August 2021

Created a design document and migrated Alation's Mac-stadium anka mac slaves (Machines) to AWS mac instances and integrating with Jenkins master and setting up Auto-Scaling policies using Swarm slave manager with AWS AMI template.

**Cloud Engineer Trainee**—Axxess.io, Bangalore/Karnataka—December 2020—March 2021

Ran the Production SaaS Application by monitoring availability using Grafana and cloud watch, continuous deployment as per the client request and taking ownership of client's issues.

## CERTIFICATIONS

- Architecting with Google Compute Engine by Google Cloud
- AWS Technical Professional
- CCNA Routing and Switching: Introduction to Networks

## TECHNICAL SKILLS

- |                                 |                                             |
|---------------------------------|---------------------------------------------|
| • Specific tools of your domain | C, Java, Python, SQL, Bash, Html, CSS, NLP  |
| • Cloud Specific technologies   | AWS, GCP, Jenkins, Kubernetes, docker, git, |
| • Other technical skills        | Data Structures                             |
| • Database Applications         | PostgreSQL                                  |
| • Operating Systems             | Linux, Windows, MacOS                       |

## EXTRACURRICULAR ACTIVITIES

**Student Service Responsibility (SSR)**, Kurnool/Andhra Pradesh —June 2019

- Helped underprivileged students by conducting talks on career guidance and the importance of Education and sports
- Conducted a field visit to preach the importance of education cleanliness and thought ways for sustainable Environment

**Amala Bharatham Clean-up drive**—August 2018

- Participated in the Amala Bharatham Clean-Up drive conducted on the occasion of the 72nd Independence Day, August 15, 2018 by AYUDH