

# GORLA BUCHAYYAGARI SUMANTH

Software Developer

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**Portfolio** | **LinkedIn** | **GitHub**

## SUMMARY

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Currently studying at Kalasalingam Academy of Research and Education. Developed Microhub, a web portal for managing Experimental Elective Courses. Skilled in C++ and Java, with passion in designing and developing high-volume, low-latency applications. Contributed to all phases of product development, writing well-designed, testable, and efficient code. Ensured design compliance with specifications, prepared software releases, and supported continuous improvement through research and architectural review. Looking for opportunities to grow and contribute to organizational success.

## EDUCATION

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### Kalasalingam Academy of Research and Education

Computer Science and Engineering B.Tech

CGPA: 7.86

Madurai, India

October 2021 - Present

### Sri Chaitanya Boys Jr College

PCM Intermediate

Percentage: 94.7%

Vijayawada, India

July 2019 - March 2021

### DAV Model High School

Degree in 10th Class

GPA: 9.5

Yerraguntla, India

July 2018 - April 2019

## EXPERIENCE

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### Software Development Team | Web Developer

December 2023 - Present

Developed Microhub, a web portal for the CSE department to manage Experimental Elective Courses, improving course management efficiency and user experience.

## SKILLS

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Programming Languages: C, C++, JAVA, Python, HTML5/CSS, PHP

Tools / Platforms: Git, Github

Databases: MySQL

## PROJECTS

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### MicroHub | [Link](#)

HTML, CSS, Bootstrap, JavaScript, PHP, SQL

Developed Microhub, a web portal for the CSE department to track all Experimental Elective Courses submissions, improving course management efficiency and user experience.

### Health Care Web Application | [Link](#)

Machine Learning, Flask, HTML, CSS

- Health care application is used to detect skin cancer and diabetic retinopathy.
- It is deployed using Flask web framework.

## CERTIFICATIONS

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- Oracle cloud Data Science Professional Certification - ORACLE
- Server- side D evelopment w ith NodeJS, Ex press and MongoDB - Coursera

## PUBLICATIONS

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- Green extraction and optimization of bioactive compounds from Solanum torvum Swartz. using ultrasound-aided solvent extraction method through RSM, ANFIS and machine learning algorithm.
- Optimization and analysis of ultrasound-assisted solvent extraction of bioactive compounds from Boerhavia diffusa Linn. using RSM, ANFIS and machine learning algorithm.
- Regressor Based Supermarket Sales Prediction Using Time Series Data.

## ACHIEVEMENTS

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- Co-authored and published a journal article with Impact Factor of 6.
- Demonstrated ability to contribute original research to high-impact academic publications
- Participated and won 8th place in LIVE THE CODE 2.0 hackathon

**"I confirm that the above details are true and accurate to the best of my understanding and belief."**

**Gorla Buchayyagari Sumanth**