

# SUBRAHMANYAM KONDRUPARTHI

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## Summary

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🔗 Motivated Full Stack Developer with strong skills in Python DSA, ReactJS, JavaScript, and SQL. Completed the Verizon Cloud Platform Job Simulation, gaining hands-on experience in VPN security and cloud computing. Passionate about building scalable applications and solving complex problems through data structures and algorithms.

The boilerplate content was inspired by [Gayle McDowell](#) 🔗.

## Technologies

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**Programming:** Python (DSA), JavaScript, Java, SQL

**Frontend :** ReactJS, HTML, CSS

**Databases:** SQL,MYSQL

**Cloud Networking: :** Basics of Cloud Computing, Computer Networks

## Education

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**AKNU UNIVERSITY**, Master of Computer Application(MCA)

Sept 2022 – Oct 2024

- GPA: 7.6/10.0
- **Coursework:** Data Structures Algorithms, Database Management Systems, Computer Networks, and Cloud Computing.

**AKNU UNIVERSITY**,Bachelor's science in Chemistry (B.Sc.)

June 2019 – July 2022

- GPA: 7.9/10.0
- **Coursework:** Studied Organic, Inorganic, and Physical Chemistry along with Mathematics and Physics. Gained foundational knowledge in Computer Science, Programming, and Data Analysis. Developed problem-solving skills through logical reasoning and quantitative techniques.

## Projects

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**Mining Competitors from Large Unstructured Datasets**

2024-Apr

- Overview: This project focuses on identifying competitors from large, unstructured datasets by leveraging data mining techniques.
- Technologies Used: Python, SQL, Data Mining, Web Scraping, Machine Learning concepts.

**Traveling Life – Best Trip Planning**

2024-Aug

- Overview: A smart trip-planning application that helps users find the best travel experiences based on the month, weather, and location preferences.
- Tools Used: JavaScript, ReactJS, HTML, CSS, APIs.

**Custom Operating System**

2024-Oct

- Built a UNIX-style OS with a scheduler, file system, text editor, and calculator
- Tools Used: Python

## Experience

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### Verizon Cloud Platform Job Simulation

June 2024 – Oct 2024

- Gained hands-on experience in cloud computing and security through a Verizon-sponsored simulation.
- Built a hypothetical new VPN product for Verizon's Cloud Computing team
- Tested Verizon's VPN against cloud-native traits like redundancy, resiliency, and least-privilege using command-line Python.

## Tools Technologies

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### Version Control: Git, GitHub

Experienced in using GitHub for collaborative development, managing repositories, and contributing to open-source projects. Familiar with pull requests, code reviews, and CI/CD workflows to maintain clean and efficient code. Maintained and contributed to projects on GitHub (GitHub Profile).