

# Chaitra Boggaram

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## EDUCATION

### SANTA CLARA UNIVERSITY

#### MS IN COMPUTER ENGINEERING

Jun 2024 | Santa Clara, CA

GPA: 3.7 / 4.0

### BANGALORE UNIVERSITY

#### BACHELOR OF COMPUTER

#### APPLICATION

May 2016 | Bengaluru, KA, India

GPA: 3.55 / 4.0

## LINKS

Github:// [chaitraboggaram](#)

LinkedIn:// [chaitraboggaram](#)

YouTube:// [@ipadhu](#)

Twitter:// [@BoggaramChaitra](#)

## COURSEWORK

### GRADUATE

Cloud Computing

Computer Networks (*Teaching Asst:*

*Winter 2023 - Summer 2023*)

Design and Analysis of Algorithms

Distributed Systems

Artificial Intelligence

### UNDERGRADUATE

Object Oriented Programming

Computer Architecture

Unix Programming

Database Management

Operating System

## SKILLS

### PROGRAMMING

Application Development & Scripting

HTML • Web development • CSS •

Django • Flask • C • Python • Bash •

React.js • JavaScript

Cloud & Virtualization

Amazon Web Services • Microsoft Azure

• Google Cloud Platform • Docker •

Kubernetes

Databases & Storage

MySQL • MongoDB • RDS • DynamoDB

• AWS S3

Other Tools

Terraform • CloudFormation • Ansible •

Jenkins • Splunk • Agile • Jira • Git •

ServiceNow • Microsoft Defender

## EXPERIENCE

### TATA CONSULTANCY SERVICES | DEVOPS ENGINEER

Nov 2019 – Jun 2022 | Bengaluru, KA, India

- Created Azure Monitor dashboard through Terraform CDK that provides real-time visibility into Active Directory information, used Log Analytics workspace and metrics for triggering alerts based on predefined thresholds reducing customer tickets by 25%.
- Automated weekly reports for Anti-virus compliance using Macros and Power BI, resulting in time savings of ~10 hours per week, significantly improving client workflow and maintaining 99% compliance rate.
- Led team of 4 in successful migration of 40,000 on-premises clients from Symantec Endpoint Protection to Microsoft Defender for Endpoint, cloud-based antivirus solution, decreasing support SLA to 2 business days.

### TATA CONSULTANCY SERVICES | CYBER SECURITY ANALYST

Dec 2016 – Nov 2019 | Bengaluru, KA, India

- Successfully reduced security threats by 40% by performing security operations such as USB blocking, website/application allow-listing and block-listing, blocking file hashes, and web domains.
- Established a comprehensive knowledge base in ServiceNow comprising more than 100 runbooks, playbooks, and SOPs related to security management, Symantec and Microsoft Defender policy configurations, troubleshooting endpoints on laptops, desktops and servers, managing antivirus and EDR.
- Developed Python scripts using REST API to invoke Splunk search queries for identifying and blocking malicious URLs, reducing ~100 security threats per week and enabling real-time threat protection.

## PROJECTS

### COT - PLAGIARISM DETECTOR FOR CHATGPT (PYTHON, FLASK, SCIKIT-LEARN, NLTK, CHATGPT API)

Winter 2023

Designed application to provide intuitive user interface for plagiarism detection, incorporating ML algorithms and invoked multiple ChatGPT API completion for data comparison with 70% accuracy.

### GIVEFORGOOD (PYTHON, FLASK, REACT.JS, DJANGO, MYSQL)

Winter 2023

Created full-stack application in team of 5 during SCU Hackathon aiming to connect people in need of food through local donors and charities, integrated Google Auth for user authentication and Google Maps API for pinpointing required locations.

### REFERUP (PYTHON, DJANGO, REACT.JS, OAUTH 2.0, AWS EC2, AWS RDS, AWS SES, CLOUDWATCH)

Fall 2022

Implemented referral website for students and alumni of SCU, utilizing user authentication and deploying the website on a cloud infrastructure that maintained user database and automated email communication to referrers.

## PUBLICATIONS

[1] Published research paper titled "*Plagiarism Checker Based on Machine Learning and OpenAI*" at the CIST'23 - 8th International Conference on Computer and Information Science and Technology.