

CHAITANYA KISHORE BATT

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EDUCATION

B.Tech, Computer Science and Engineering

KL University, Vijayawada, India

2021 - 2025

9.05 CGPA

Intermediate Board of Education

Narayana Junior College, Visakhapatnam, India

2019 - 2021

7.2 CGPA

TECHNICAL SKILLS

Programming: Java, Python

Database Technologies: MySQL

Web Development: Java Full Stack Web Development, Spring Boot, Java MicroServices

Cloud Technology: Amazon Web Service (AWS)

Certifications: AWS Developer Associate

PROJECTS

BrewBean

<https://github.com/Chaitanya060/BrewBean>

Successfully implemented Spring Security

- Designed and implemented an **advanced microservices architecture** using **Spring Boot**, **Spring Cloud**, and **Eureka** for efficient **service discovery** and **coordinated inter-service communication**.
- Secured user access using **Spring Security** with **JWT authentication** and **BCrypt encryption**, and organized centralized routing via **API Gateway** to improve scalability and maintainability.

AWS Text-to-Speech Integration

<https://github.com/Chaitanya060/ServerLessProject>

Successfully implemented Amazon Polly

- Developed a **Text-to-Speech web app** using **Django**, integrating **Amazon Polly** for natural-sounding speech output.
- Leveraged **AWS S3** for secure audio storage within a **scalable, cloud-based architecture** powered by **Amazon Web Services**.

Travel Buddy

<https://github.com/Chaitanya060/Travelbuddy>

Developed a Hotel Booking Platform

- Created a dynamic web application using **Spring Boot**, **MySQL**, **JSP**, **CSS**, and **JavaScript**, implementing **Spring Security** for secure authentication and authorization.
- Planned and integrated **RESTful APIs**, **MVC architecture**, and **CRUD operations**, following Spring best practices for a scalable full-stack solution.

PAPERS PUBLISHED

Cloud-Enabled Facial Emotion Recognition: A Comprehensive AWS Rekognition Analysis, :

Aug 2024

- Published an **innovative research paper** on **Facial Emotion Recognition** using advanced **CNN models**, integrating **deep learning techniques** to significantly **improve emotion detection accuracy**.
- Created and proposed** a **cloud-based deployment model**, leveraging **cloud computing** for real-time processing, **scalable performance**, and remote accessibility—demonstrating an **outside-the-box** approach to AI-driven emotion recognition.

ACTIVITIES

School of Competitive Coding (SOCC) Club

July 2023 - May 2024

Director

- Served as Director at **SOCC (School of Competitive Coding)**, where I **collaboratively organized hackathons**, conducted impactful **technical sessions**, and actively **mentored and coordinated onboarding** for new members, fostering a motivated, **team-driven competitive programming community**.