# Dasari Vamsi
Java Developer

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## Summary

I am a Java developer Well-versed in using cutting-edge technologies, such as Java, Pl/SQL, Git, Postman and Spring, to create powerful solutions.

Currently, I am working on a BFSI-based client, where I am involved in the development of an insurance-based application that handles financial services and end-to-end processing from policy to claims.

With over two years of experience as a full stack Java developer, One of my key contributions to this project has been the development of the agency module using Java and Spring framework, which has been instrumental in handling various operations related to insurance data for consumers who require services. In addition, I have provided application support as an individual, ensuring that any bugs are quickly accessed and redeveloped as required.

## Skills

- ➢ **Tech Stack**: Spring,  GIT, and AWS.
- ➢ **CS Skills**: DS Algo, DBMS, and OOPs.
- ➢ **Programming/Scripting**: Python, Java, MySQL, Html, CSS, JS.
- ➢ **Soft Skills:** Problem Solving, Time Management, Communication Skills

## Experience

**Tata Consultancy Services Ltd — (BFSI-based Insurance Client)**    Kolkata
*System Engineer [JAVA & SQL Developer]*    September 2023 - Present

- Worked on the **Agency Module** of a BFSI insurance application under a US-based client.
- Involved in end-to-end development and support for functionalities related to **policy lifecycle**, **claims**, **advisor payments**, and **complaints**.
- Developed and maintained **Java Spring-based APIs** to handle business logic for insurance operations.
- Created and optimized **PL/SQL queries**, procedures, and packages for data processing and report generation.
- Utilized **GitHub** for version control and participated in code reviews and agile ceremonies.
- Troubleshoot production issues, perform debugging, and ensure stable application delivery.

**Skills:** Java · Spring Framework · PL/SQL · SQL · GitHub

# Education

**Bhimavaram Institute of Engineering and Technology**
**Board:** Jawaharlal Nehru Technological University, Kakinada
*B.Tech. in COMPUTER SCIENCE*

Bhimavaram, Andhra Pradesh
JULY 2020 – APRIL 2023

**Smt. B. Seetha Polytechnic**
**Board:** State Board of Technical Education & Training
*Diploma in COMPUTER SCIENCE*

Bhimavaram, Andhra Pradesh
JUNE 2017 – APRIL 2020

# Projects

**Automated Student Review System using Computer Vision and Convolutional Neural Network**
*B.Tech 4th year*
*CV & AI | Emotion Detection | Full Stack Web Solution*

- **Stack:** Python, Django, SQLite, HTML/CSS/JS (Web Technologies), OpenCV, CNN (Convolutional Neural Network)
- **Problem:** Traditional classroom monitoring lacked personalized attention and real-time emotion tracking to assess student engagement, leading to reduced learning effectiveness.
- **Solution:** Built an AI-powered review system using computer vision and CNNs that detects student emotions from live video and determines if the student is actively listening. The Django-based backend handles model inference and stores interaction data in a lightweight SQLite database. Web front end enables real-time feedback display and review generation.
- **Outcome:** Enabled real-time emotion-based engagement tracking, improving review accuracy and instructor feedback. Resulted in a smarter classroom monitoring tool with potential for adaptive learning.
- **Role:** Team Lead — Responsible for system architecture, model integration, and end-to-end coordination.

**Online Resume Builder**
*B.Tech 3rd year*
*Web Application | Resume Generation | Full Stack Development*

- **Problem:** Many students struggle with creating professional resumes due to lack of design skills or access to proper tools, especially during internships and campus placements.
- **Solution:** Built a dynamic web application that enables students to easily create, preview, and download professional resumes. Users can input personal, academic, and professional information, which is then formatted into pre-designed templates using PHP and stored/retrieved via MySQL.
- **Outcome:** Improved resume accessibility for students with an intuitive and responsive interface. Simplified resume creation process and increased student readiness for academic and professional opportunities.
- **Role:** Team Lead — Led the end-to-end development, including front-end design, back-end integration, and database management.

# Courses

- ➤ Java Fullstack - QSpiders/JSpiders. (May 2023 - August 2023)
- ➤ Android App Development - Immensphere, Verzeo.
- ➤ Python - CodeTantra
- ➤ CCNA - Cisco