


# BAJJURI VAMSI KRISHNA

Aspiring Product Engineer | Full-Stack Developer | Data Analyst

 bajjurivamsikrishna85@gmail.com    7842042703    github.com/Vamsi93K

 linkedin.com/in/vamsi-krishna-bajjuri

## PROFESSIONAL SUMMARY

Results-driven Product Engineer with hands-on experience in full-stack web development and intelligent data processing. Proficient in creating responsive front-end interfaces and developing backend logic to support scalable, real-world applications. Demonstrated ability in managing relational databases, integrating OCR technology, and implementing automated keyword matching for data-driven solutions. Successfully built and deployed impactful academic and personal projects, including a healthcare data analysis platform for deriving insights from patient records, and a Django-based resume screening tool that streamlines recruitment using text extraction and scoring logic. Strongly committed to continuous improvement, performance optimization, and creating user-centered digital products within agile development environments.

## Education

**BTech - Computer Science**, *Kalasalingam Academy of Research and Education* 2022 – 2026  
CGPA: 8.15

## TECHNICAL SKILLS

### Programming Languages

Python, SQL,HTML,CSS,JavaScript

### Machine Learning & Deep Learning

TensorFlow, PyTorch, scikit-learn

### Data Engineering

Pandas, NumPy, Data Cleaning, Feature Engineering

### Version Control & Tools

Git, Vs Code,MySQL

## ADDITIONAL INFORMATION

### Languages

English,Telugu

## PROJECTS

### Healthcare Stroke Prediction System (Python, SQL)

- Designed a Python-based application to analyze patient data and predict stroke risk using supervised learning models.
- Leveraged **SQL** to filter, join, and transform medical records for accurate feature extraction and model training.Achieved over 80% prediction accuracy by optimizing classification algorithms (Logistic Regression, Random Forest) on curated datasets

### Resume Screening Tool (Python, HTML, CSS, JavaScript)

- Built a smart web-based application to automate resume evaluation using keyword extraction and content relevance scoring.Implemented backend logic in **Python** to parse resumes, analyze text patterns, and match candidate profiles to job descriptions.
- Designed a user interface using **HTML, CSS, and JavaScript** to allow recruiters to upload resumes and view structured results instantly. Integrated basic NLP techniques for filtering resumes based on required skills, experience, and project relevance.

## CERTIFICATIONS

---

### **Data Management System (DBMS) Certificate – CodeChef (2024)**

Earned a certificate demonstrating proficiency in SQL, relational database design, and transaction management using real-world scenarios.