

# Beshwanth Sai Katari

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## Summary

**Innovative and results-driven Computer Science Engineer** with strong expertise in AI-driven web development, cloud computing, and scalable systems. **AWS Certified Cloud Practitioner** skilled in Python, Django, React, and Java. Experienced in end-to-end app development, leading projects, and mentoring peers. Passionate about building intelligent, secure, and user-centric web applications.

## Education

**K L University**, B.Tech in Computer Science

**Specialization:** Artificial Intelligence Driven Language Technologies

## Experience

**AI/ML and Web Dev Intern**, Segura Invendors Pvt. Ltd. (Remote)

- Developed AI cloud models, improving prediction accuracy by **18%** and deployment speed by **30%**.
- Enhanced frontend using React, reducing page load time by **25%**.
- Worked with a team to integrate APIs and optimize database queries, improving performance by **20%**.

**Mentor**, ZeroOne Code Club – K L University

- Mentored **10+ students** on Django and React, achieving **100% project completion**.
- Guided students in creating GitHub portfolios, increasing project visibility.
- Conducted weekly workshops, improving coding efficiency by **30%**.

## Projects

**Personal Finance Management System**

GitHub — Live Demo

- Django web app for managing budgets, expenses, and investments efficiently.
- Integrated AI chatbot delivering actionable financial insights.
- Tech Stack:** Python, Django, HTML, CSS, JavaScript, Bootstrap — **Deployment:** PythonAnywhere

**AI-Powered Chatbot**

GitHub — Live Demo

- React + Gemini API chatbot with 40% faster response.
- Firebase backend and optimized state management using React hooks.
- Tech Stack:** React, Firebase, Gemini API, JavaScript

**Learning Hub (Team Lead)**

GitHub

- Leading full-stack platform for personalized learning and interactive dashboards.
- Implemented Continuous Integration / Continuous Deployment pipeline for automated deployment and testing.
- Deployed on AWS; instance later paused due to pricing constraints.
- Tech Stack:** React (Vite), MySQL, Spring Boot, Bootstrap, JavaScript

**VetDiag Genomix – AI-Powered Veterinary Diagnostics (Internship)**

Live Demo

- Delivered production-ready AI diagnostics web app deployed in a veterinary hospital.
- Improved diagnostic accuracy by 18% and reduced deployment time by 30%.
- Collaborated with cross-functional teams ensuring seamless delivery and customer satisfaction.
- Tech Stack:** React (Vite), MySQL, Spring Boot, JavaScript, Bootstrap

**Personal Portfolio Website**

GitHub — Live Demo

- Responsive React portfolio showcasing projects, achievements, and certifications.
- Tech Stack:** React, HTML, CSS, JavaScript — **Deployment:** Netlify

## Technical Skills

Programming: Python, Java, C, SQL, HTML, CSS, JavaScript  
Frameworks: Django, React, Bootstrap, Spring Boot, Pandas, NumPy, Scikit-learn  
Cloud: AWS (Certified), Azure (Basics)  
Databases: MySQL, Firebase, PostgreSQL  
Tools: Git, VS Code, PyCharm, Docker, GitHub Actions  
Core CS: DS&A, Operating Systems, Networks, Data Base Management Systems

## Certifications

- AWS Certified Cloud Practitioner
- Web Application Technologies and Django
- Career Essentials in Generative AI
- Introduction to Responsible AI
- Python (Basic) — HackerRank
- Linguaskill Test — Cambridge (ID: IA143C2-C-1F-118-120-022)

## Achievements

**Amaravati Quantum Valley Hackathon Semi-Finalist (2025)** — Recognized for AI-integrated web solution.

## Languages & Interests

Languages: English, Telugu, Hindi  
Interests: Cloud Computing, AI/ML, Mentoring, Badminton, Carnatic Music