

BHARGAVI KAMBAM

+ 91 6281743430 | bhargavikambam32@gmail.com
linkedin.com/in/bhargavi-kambam | github.com/Bhargavikambam

CAREER OBJECTIVE

Enthusiastic fresher with strong foundations in Python, Django, SQL, and web development. Seeking an opportunity as an Associate System Engineer or Full Stack/Python Developer to apply problem-solving and development skills. Committed to building efficient, scalable, and high-quality solutions.

EDUCATION

B.Tech in Electronics and Communication Engineering (ECE) 2022 – 2025 | 76.85%
Vaagdevi Institute of Technology and Science, JNTUA

Diploma in Electronics and Communication Engineering (ECE) 2019 – 2022 | 87.5%
Gouthami Institute of Technology and Management for Women, SBTET

SSC 2018 – 2019 | 9.2 GPA
Zilla Parishad High School (ZPHS), Gangireddypalli

SKILLS

Programming Languages: Python (OOPs, File Handling, Exception Handling), NumPy, Pandas

Frontend: HTML, CSS, JavaScript, Bootstrap, React

Backend: Python, Django (views, models, ORM), REST APIs

Databases: MySQL, SQL (Joins, Subqueries, Views, Normalization)

Tools: Git, GitHub, Visual Studio Code

PROJECTS

Optimized Data Allocation and ICI Self-Cancellation in OFDM (Jan 2025 – Apr 2025)

- Developed a MATLAB-based OFDM system to optimize data allocation and reduce interference.
- Implemented self-cancellation techniques to improve signal quality and communication reliability.
- Analysed system performance using simulation metrics to ensure accuracy and efficiency in wireless data transmission.

Tech Used: MATLAB, OFDM, Signal Processing

Auto Temperature Detector for COVID Safety (Oct 2021 – Jan 2022)

- Designed an Arduino-based automatic temperature detection system with 98% accuracy.
- Integrated sensors for contactless health monitoring and real-time display.
- Programmed and calibrated embedded components to ensure stable operation and reliable temperature measurement.

Tech Used: Arduino, Sensors, Embedded Systems

INTERNSHIPS

Full-Stack Python Development (May 2025)

- Built and maintained web applications using Django, HTML, CSS, and Angular.
- Improved data efficiency by 30% through optimized SQL queries.
- Collaborated with a team to design APIs and deploy full-stack solutions.

VLSI (Very-Large-Scale Integration) (Apr 2024 – Jun 2024)

- Performed Verilog-based logic synthesis and timing analysis.
- Enhanced understanding of chip design and circuit verification.

CERTIFICATIONS

- Introduction to Internet of Things (IoT) – NPTEL, IIT Kharagpur (2024)
- AWS Cloud Practitioner Essentials – Amazon Web Services (2024)

LANGUAGES

English (Fluent), Telugu (Native)