

# BHARGAVI KAMBAM

+ 91 6281743430 | [bhargavikambam32@gmail.com](mailto:bhargavikambam32@gmail.com)  
[linkedin.com/in/bhargavi-kambam](https://linkedin.com/in/bhargavi-kambam) | [github.com/Bhargavikambam](https://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>B.Tech in Electronics and Communication Engineering (ECE)</b> Vaagdevi Institute of Technology and Science, JNTUA	2022 – 2025   76.85%
<b>Diploma in Electronics and Communication Engineering (ECE)</b> Gouthami Institute of Technology and Management for Women, SBTET	2019 – 2022   87.5%
<b>SSC</b> Zilla Parishad High School (ZPHS), Gangireddypalli	2018 – 2019   9.2 GPA

## 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)