

# JEEVITH K

## AI/ML DEVELOPER

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### SUMMARY

AI/ML Developer experienced in Python, TensorFlow, Scikit-learn, OpenCV, and data-driven automation. Skilled in building end-to-end ML pipelines, feature engineering, model evaluation, and deploying reliable machine learning solutions. Strong in experimentation, analytical problem-solving, and designing scalable AI systems.

### PROFESSIONAL EXPERIENCE

**Software Developer Intern — TechCiti Software Consulting Pvt. Ltd** **Nov 2024 – Dec 2024**

- Improved project delivery speed by 30% through workflow optimization and efficient task planning.
- Enhanced overall project accuracy by 15% by implementing engineering tools and validation processes.
- Collaborated with cross-functional teams, boosting project success rates by 10%, while contributing to development, debugging, testing, and documentation.

**IoT Developer Intern — CED, Anna University** **Sep 2024 – Oct 2024**

- Developed an IoT-enabled object detection system using Arduino, Raspberry Pi, ESP modules, and Python.
- Integrated Alexa voice automation for real-time control and monitoring, improving system accessibility and reducing manual interaction effort by 30%.
- Integrated basic computer vision techniques to enhance object detection accuracy.

### PROJECTS

**Dynamic Employee Productivity & Burnout Prediction System (Patented)**

- Developed a machine learning system capable of predicting employee productivity and burnout in real time, providing actionable insights for organizational decision-making.
- Designed a Workload Balance Index to deliver personalized recommendations.
- Built automated pipelines for data preprocessing, feature engineering, model training, and evaluation, enabling efficient end-to-end ML workflow execution.

**IoT-Based Elderly Assistance System with Alexa**

- Built an IoT system using Arduino, Python, and OpenCV for object detection and real-time alert generation.
- Integrated Alexa voice commands to automate tasks and enhance user interaction and accessibility.

### SKILLS

Deep Learning • Model Evaluation • Feature Engineering • OpenCV • Data Analysis • Git

### EDUCATION

**Bachelor of Technology in Computer Science and Business Systems**

Vel Tech Multi Tech Dr Rangarajan Dr Shakuthala Engineering College

- Relevant coursework in computer science and business administration.

**Sep 2023 – Present**

### ADDITIONAL INFORMATION

- Languages:** English, Tamil.
- Awards/Activities:** Led college cultural & tech team; hosted 15+ events and created digital assets, organized a successful hackathon with 500+ participants, improving student tech engagement.