



# "TechFusion 3.0"

#### A 45 Day's Industrial Training & Internship Programme

Presented by

# ROBONOX



## Contact Us

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#### **About TechFusion 3.0**

TechFusion 3.0 is a 45-day Industrial Training & Internship Programme offering three cutting-edge tracks:

- Python, AI & Machine Learning (Track 1)
- Embedded Systems, Robotics & IoT (Track 2)

• Full Stack Web Development & App Development **(Track 3)** Choose your domain and mode (offline or online) to learn by doing through real-world projects, hands-on tools, and industry-driven content.

Train under professionals from top **MNCs** (like Google, Microsoft, Amazon and PSUs) and graduates from **IITs & NITs**, combining practical insight with academic excellence.

Build job-ready skills, enhance your portfolio, and take the next big leap in your tech career with TechFusion 3.0.

# About ROBONOX

ROBONOX is a leading provider of training and custom solutions in cutting-edge technologies such as Robotics, Artificial Intelligence, IoT, Drone Technology, Python, and Machine Learning, along with expertise in App and Web Development. With a strong focus on hands-on learning and practical applications, ROBONOX empowers individuals and organizations through immersive workshops, impactful training programs, and tailored project development services. Having conducted workshops and internships at 10+ IITs and 20+ NITs across India and expanding globally with a growing presence in Los Angeles, California, ROBONOX is dedicated to fostering innovation, skill development, and technological excellence in the rapidly evolving digital landscape.

## **Our Mission**

At TechFusion 3.0, our mission is to empower you with hands-on expertise across the most in-demand tech domains — from AI & Machine Learning to Embedded Systems and Full Stack Development. This isn't just about learning; it's about transforming your potential into real-world impact and preparing you to lead the tech-driven future. By the end of this 45-day training & internship programme, you won't just be a learner, you'll be an innovator, a project builder, and a career-ready technologist equipped to excel in the competitive tech world.

#### Perks

- Certified course: Earn a recognized certificate validating your skills and successful completion of the Internship.
- Letter of Recommendation (LOR): for top performers during internship.
- Hands-On Learning: Engage in practical exercises and projects to reinforce theoretical knowledge.
- Expert Guidance: Learn from experienced trainers from IITs and NITs and industry professionals from MNCs like Google, Microsoft, and Amazon.
- Career guidance & portfolio building: Get expert direction on shaping
  your career and building a standout project portfolio.
- Resume + LinkedIn optimization support: Craft a professional resume and LinkedIn profile that grabs recruiter attention.

## **Courses Offered**

#### Track 1: Python, AI & Machine Learning

- Mode: Offline + Online
- Ideal For: CSE, IT, Data Science, AI/ML enthusiasts, BCA/MCA
- Master Python from basics to advanced level.
- Build ML models using Scikit-learn, TensorFlow, Keras.
- Create real-world AI projects (NLP, Computer Vision, Recommendation Systems).
- Tools Covered: Python, Pandas, Numpy, Matplotlib, TensorFlow, SciPy, Flask and more
- Cover fundamentals of Generative AI and LLM
- 5 Minor project and 2 Major Project

#### Track 2: Embedded Systems, Robotics, IoT & Automation

- Mode: Offline Only
- Ideal For: ECE, EEE, Mechatronics and Robotics enthusiasts
- Cover fundamental of practical Electronics
- Work with real world Micro Controllers, sensors, relays, drivers and actuators
- Training sessions on Robotics/IoT software tools
- Training sessions on drone technology
- Build smart IoT systems and automate real-time processes.
- Create hands-on robotics and automation projects.
- 5 Minor project and 2 Major Project

#### Track 3: Full Stack Web Development & App Development

- Mode: Offline + Online
- Ideal For: CSE, IT, BCA, MCA students
- Web Development (Frontend): HTML, CSS, JavaScript, and responsive layout techniques (Flexbox/Grid).
- App Development (Frontend): Flutter & Dart Fundamentals
- Project Architecture, Routing & Navigation, State Management, API Integration, Form Handling & Auth UI, Authentication Flows, Build & Deploy
- Backend Development (Node.js + Express + DB)
- MongoDB & Mongoose, PostgreSQL & Sequelize ORM, File Upload & Environment Setup, Version Control & Deployment
- Git/GitHub workflows
- 5 Minor project and 2 Major Project

### **Contact Us**

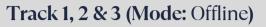
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Date: 16th June 2025 to 30th July 2025



- 7 pm - 1 pm



- 25+ hours of training
- 20+ hours of hands on practice
- 5+ minor projects
- 2 major projects
- 3 Career Guidance Session
- Portfolio building training
- Resume + Linkedin optimization training
- Fees: ₹3500/-

#### Track 1 & 3 (Mode: Online)

- 35+ hours of training
- 10+ hours of hands on practice
- 5+ minor projects
- 2 major projects
- 3 Career Guidance Session
- Portfolio building training
- Resume + Linkedin optimization training
- Fees: ₹2500/-

#### **Register Here**



- Registration Link: <u>https://forms.gle/YRyBksBWRiBZStN86</u>
- Last Day to Register: 15th June 2025.
- Registration Fee:
- Rs. 3500/- (for Offline mode)
- Rs. 2500/- (for Online mode)

