Building Trust & Careers

LINTA TECHNOLOGIES OPC PRIVATE LIMITED

WEB DEVELOPMENT

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About Us

Linta Technologies OPC Private Limited envisions bridging the gap between education and industry. We understand the pain of unemployment and are trying to wipe off the words of impossible and unemployment from the brains of youth by training and turning them into diamonds. We provide tailor-made, hands-on, and need-based programs on par with industry standards.

We believe that the youth of today is the future of tomorrow. And so our courses are tutored by experts from top industries who are passionate about mentoring the youth. Since its inception, Linta Technologies has earned the trust and gained recognition from thousands of learners across the state.

Who Should Apply?

- ☑ Anyone from an IT or Non-IT background can apply

- ☑ Students

- ☑ Experts
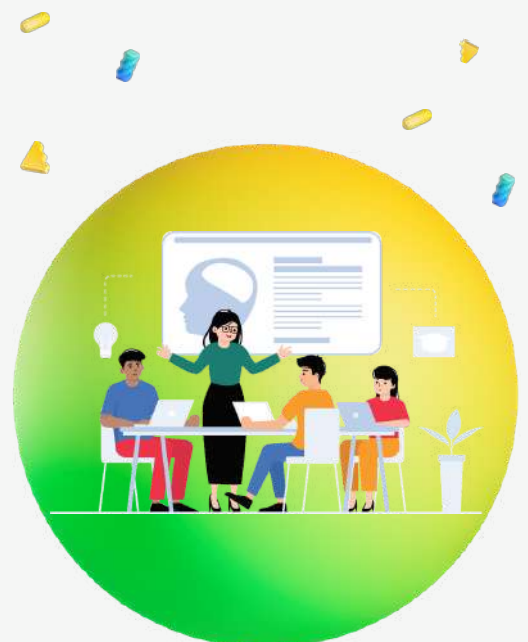
Why Us

We are Success Trainers, Mentors, and Motivators with a passion for helping you be the best. We are warm and wise, positive and proactive, caring and daring, fun and focused. Our intention is always for your highest good and greatest growth. We make the learning just as enjoyable as it is powerful

1   Industry Standard Training

2   Solution-Focused

3   Affordable

4   Experience

we believe in making a difference

Why this ??

- Easy to learn and Beginner Friendly

- No prior programming knowledge is required.

- We take special care of Non-IT students

- This is for those who want to start their coding journey, whether a beginner or an expert.

- The diversity of our learners adds richness to course discussions and interactions.

Web Development Syllabus

Module 1: Introduction

1. What is Web Development?
2. Overview of Front-end and Back-end
3. Introduction to HTML, CSS, and JavaScript
4. What is standard language?
5. What is Responsive Design
6. Importance of Responsive Design

Module 2: HTML Basics

1. Introduction to HTML
2. HTML Document Structure
3. HTML Tags and Elements
4. HTML Forms and Input Elements
5. HTML Tables
6. HTML Lists
7. HTML Images and Multimedia Elements
8. HTML Links and Anchors
9. HTML Semantic Elements
10. HTML CSS Integration

Module 3: CSS Basics

1. Introduction to CSS
2. CSS Selectors and Properties
3. CSS Box Model
4. CSS Flexbox and Grid Layouts

Module 4: JavaScript Fundamentals

1. Introduction to JavaScript
2. Variables, Data Types, and Operators
3. Control Flow:
   a. Conditional Statements
   b. Loops
4. Functions and Scope

Module 5: Introduction to ReactJS

1. Overview of ReactJS
2. Setting up a React Environment
3. Components and Props
4. State and Lifecycle

Module 6: Advanced React Concepts

1. Handling Events in React
2. Conditional Rendering
3. Lists and Keys
4. Forms and Controlled Components

Module 7: React Router

1. Introduction to React Router
2. Navigation and Routing in React
3. Nested Routes and Route Parameters

Module 8: Introduction to Tailwind CSS

1. Overview of Tailwind CSS
2. Setting up Tailwind in a Project
3. Utility-First CSS and Styling

Module 9: Advanced Tailwind CSS

1. Responsive Design with Tailwind
2. Customizing Tailwind Configurations
3. PurgeCSS and Optimization

Module 10: State Management with Redux

1. Introduction to Redux
2. Actions, Reducers, and Store
3. Connecting React with Redux
4. Async Operations with Redux Thunk

Module 11: React Hooks

1. Understanding React Hooks
2. useState and useEffect
3. Custom Hooks
4. Context API

Module 12: Web Development Project

1. Planning and Designing a Web Project
2. Implementing the Project with HTML, CSS and React
1. Integrating Tailwind CSS
2. Adding Redux for State Management

Module 13: Introduction to Server-Side Development

1. Overview of Server-Side Development
2. Introduction to Node.js
3. Express.js and RESTful APIs
4. Connecting Frontend with Backend

Module 14: Database Integration

1. Introduction to Databases
2. Setting up a Database (e.g., MySQL)
3. CRUD Operations with Express

Module 15: Authentication and Authorization

1. User Authentication with JWT
2. OAuth and Social Media Authentication
3. Role-Based Authorization

Module 16: Building RESTful APIs

1. Designing RESTful APIs
2. Express Middleware
3. Testing APIs with Postman

Module 17: Introduction to GraphQL

1. Overview of GraphQL
2. Setting up a GraphQL Server
3. Query and Mutation Operations

Module 18: Real-Time Web Applications

1. Introduction to WebSockets
2. Implementing Real-Time Features with Socket.io

Module 19: Deployment and Hosting

1. Choosing a Hosting Platform
2. Deploying a Web Application
3. Continuous Integration and Deployment (CI/CD)

Module 20: Introduction to Testing

1. Importance of Testing in Web Development
2. Unit Testing with Jest
3. End-to-End Testing with Cypress

Module 21: Web Performance Optimization

1. Techniques for Web Performance Optimization
2. Minification and Compression
3. Caching Strategies

Module 22: Final Project

1. Building a Full-Stack Web Application
2. Integrating React, Tailwind CSS, and Backend Technologies
3. Testing and Optimizing the Project
4. Deployment and Showcase
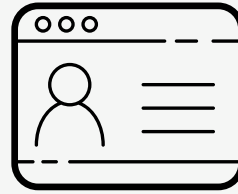
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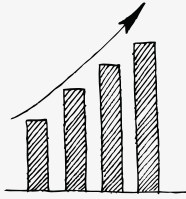
FROM SCRATCH TO MASTER LEVEL TRAINING

PORTFOLIO WEBSITE

MOCK INTERVIEWS

DAILY ASSIGNMENTS

RESUME BUILDING

LINTA PRIME

CERTIFICATION OF COMPLETION
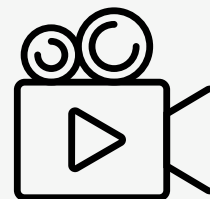
Q&A SESSIONS

EVERYDAY 2 HOURS

PLACEMENT UPDATES

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