

Okulr - Ramaiah 30hrs Short Term Backend Development Value Added Training Program Course Content

Introduction to Backend – 15 hrs

1. NodeJS Installation
2. NodeJS Modules: HTTP, HTTP Methods: GET, PUT, POST, DELETE
3. NodeJS File System: Create, Delete, Update, Read, Rename
4. NodeJS Events: EventEmitter
5. NodeJS Emails: Nodemailer
6. Creation and Handling Routes
7. POSTMAN Application

Introduction to Database – 10 hrs

1. Introduction to MongoDB: Atlas, Compass
2. Creating a Cluster, Database, Collections
3. Connecting Cluster with Backend using Mongoose
4. Creating a Schema
5. MongoDB Commands: Create, Find, Update, Delete

Mini Project on Backend Development – 5 hrs

1. Creating a form saving the data into MongoDB and triggering email through Nodemailer.

Trainers Profiles:

1. Ms. Megha S Holur

A Skilled Full Stack Developer with a passion for building robust, scalable web applications. Adept at both front-end and back-end development, with proficiency in modern technologies like React, Node.js, MongoDB, and SQL. I hold technical expertise and problem-solving abilities to drive innovation and deliver high-quality software solutions that enhances user experience to meet business objectives.

- Post Graduate in Computer Application VTU.
- 3+ Years of Experience in Full Stack Development.
- Technical Skills: HTML, CSS, JavaScript, ReactJS, NodeJS, MongoDB, REST API's, Angular.

Projects Worked:

- Face sense (Face Recognition Based Attendance Management System) Dashboard.
- Retailytics (Retail Analytics to Provide Business Insights) Dashboard Development.
- Developed Landing Pages for Various Commercial Websites.
- Contributed in Company's Websites Development - www.codingeni.com || www.okulr.com.

2. Mr. Parikshith N Y

Experienced Full Stack Developer dedicated to creating efficient and dynamic web applications. Proficient in a range of technologies, including JavaScript, React, Node.js, and database management. Eager to contribute my expertise in both front-end and back-end development to a forward-thinking team, driving successful project outcomes and continuous improvement in software performance.

- Graduated in B.Sc. Computer Science from Bangalore City University.
- With over 2+ Years of Experience in Full Stack Development.
- Technical Skills: Python, JavaScript, ReactJS, NodeJS, MongoDB, NextJS, Vercel, ElectronJS .

Project Worked:

- Developed Responsive Websites: www.imtechready.com || www.safepro.tech || www.boloindia.com.
- Payment Gateway Integration for Codingeni www.codingeni.com .
- EZ Parking (Intelligent Parking Management System) Developed Dashboard.
- Animal and Human Conflict Area Detection Developed Dashboard.
- Developed Face Sense LITE Desktop Application.

OKULR TECHMINDS