**Full Stack Development Training Program**

**Submitted by:**

Opentechz Pvt. Ltd.

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Submitted to:

[College/University Name]

Date: [Insert Date]

**1. Executive Summary**

Opentechz Pvt. Ltd. is pleased to submit this proposal for a 200-hour Full Stack Development Training Program to [College/University Name]. Designed to equip students with cutting-edge web development skills, this program integrates essential frontend and backend technologies, project-based learning, and real-world applications.

Our goal is to provide students with a skill set that aligns with industry standards, preparing them for successful careers in software and web development. With this training, students will be empowered to build, deploy, and manage fully functional web applications, gaining experience in both frontend and backend development.

**1**. **Objective of the Training**

The objective of this Full Stack Development program is to equip students with in-depth knowledge and hands-on skills in both frontend and backend development. The training will enable students to build dynamic, responsive, and fully functional web applications using modern technologies.

**2. Program Highlights**

* **Total Hours:** 200 hours of comprehensive training
* **Mode:** In-person / Online / Hybrid (customizable to suit college requirements)
* **Certifications:** Provided by Opentechz upon successful program completion
* **Key Deliverables:** Training materials, real-world projects, weekly assessments, access to recorded sessions, certification, and career guidance
* **Outcomes:** Industry-ready skills, portfolio-ready projects, and preparation for roles such as Full Stack Developer, Frontend/Backend Developer, and Web Developer

**2. Program Structure and Syllabus**

### ****Module 1: Frontend Development**** (80 Hours)

* **Core Languages & Tools:** HTML5, CSS3, JavaScript (ES6+), TypeScript
* **Frameworks:** React.js, Angular (from basics to advanced)
* **Responsive & Adaptive Design:** Bootstrap, Material UI, and CSS Flexbox/Grid
* **Version Control:** Git and GitHub for project collaboration
* **Outcome:** Ability to design responsive, dynamic user interfaces using modern frontend technologies

### ****Module 2: Backend Development**** (80 Hours)

* **Core Technologies:** Node.js with Express.js
* **Database Management:** MySQL, MongoDB (data modeling, CRUD operations, database connections)
* **API Development:** RESTful API design and integration, authentication (JWT, OAuth)
* **Server Management:** Introduction to cloud deployment (AWS, Azure, Firebase)
* **Outcome:** Ability to build robust, scalable server-side applications and REST APIs

### ****Module 3: Capstone Project**** (40 Hours)

* **Real-World Project:** Building a fully functional web application covering frontend, backend, and deployment
* **Deployment:** Using platforms like AWS, Azure, or Firebase to simulate real-world hosting
* **Soft Skills:** Documentation, teamwork, and presentation skills for project review
* **Outcome:** Portfolio-ready project that showcases the student’s full-stack development skills

**4. Training Methodology and Deliverables**

### ****Methodology****

Opentechz delivers training through a highly interactive approach that includes:

* **Live Lectures:** Comprehensive, real-time instruction
* **Hands-on Exercises:** Daily coding assignments and quizzes to reinforce learning
* **Project-Based Learning:** Building applications to develop practical skills
* **Personalized Mentoring:** Q&A sessions to clarify doubts and provide personalized guidance
* **Capstone Project:** A final project simulating real-world scenarios

### ****Deliverables****

* **Comprehensive Training Materials:** Module-wise PDFs, code samples, and reference links
* **Access to Recorded Sessions:** Enables flexible and self-paced learning
* **Weekly Assessments and Quizzes:** To monitor progress and understanding
* **Capstone Project Certification:** Official certification from Opentechz upon project completion

### 4. Program Fees and Pricing Structure

|  |  |
| --- | --- |
| Description | Cost |
| Full Stack Training Program | ₹[Total Amount, e.g., 3,00,000] + GST |
| Per Student Cost | ₹1500 per hour |
| Group Discount (20+ Students) | Available on request |

### ****Payment Schedule****

* **Initial Payment (50%)**: Upon signing the agreement
* **Mid-Program Payment (25%)**: After 100 hours of training
* **Final Payment (25%)**: After program completion and certification

### 5. ****Expected Outcomes****

Upon successful completion of the program, students will be able to:

* Designing and building complete web applications (frontend and backend)
* Integrating databases, managing CRUD operations, and building REST APIs.
* Hosting and deploying applications on cloud platforms
* Collaborating on projects using version control systems (Git)
* Building portfolio-ready projects to enhance their employability

### ****Career Pathways:****

* Full Stack Developer
* Frontend/Backend Developer
* Web Application Developer

### 6. ****Why Opentechz?****

Opentechz brings industry experience, hands-on teaching techniques, and practical insights. With a blend of technology expertise and modern teaching approaches, our trainers are committed to providing a transformative learning experience that prepares students for a successful career in tech.

### 7. Contact Information

For further discussion, please feel free to contact:

* **Opentechz Pvt. Ltd.**
* **Phone:** [Your Contact Number]
* **Email:** info@opentechz.com
* **Website:** www.opentechz.com

**We look forward to the opportunity to collaborate with [College/University Name] in shaping the next generation of Full Stack Developers and supporting students in achieving career success in technology.**