CODING SAMURAI
ESTD. 2023

ABOUT THE COMPANY

Coding Samurai is a pioneering EdTech startup founded in August 2022 with a mission to bridge the gap between academic knowledge and industry expectations, Coding Samurai offers a comprehensive ecosystem of IT services, technical training internships, and consultancy solutions designed to empower students, professionals, and businesses alike.

Our Vision

At Coding Samurai, we envision a future where practical skills and innovation drive success. Our mission is to equip aspiring tech professionals with real-world expertise and help businesses harness the power of technology to thrive in an ever-evolving digital landscape.

<u>What We Do</u>

Technical Internships for Aspiring Professionals. Our flagship technical internship programs are designed to provide hands-on learning experiences that go beyond traditional academics. Through live projects and mentor-led guidance, students develop a deep understanding of industry-relevant tools, technologies, and problem-solving approaches. From web development and data science to machine learning and game development, our diverse offerings cater to a wide array of technical domains, empowering participants to tackle real-world challenges confidently.

<u>IT Services to Transform Businesses</u>

Coding Samurai also offers a suite of IT services, enabling businesses to leverage cutting-edge technology for growth and efficiency. Our services include:

Website Development: Crafting responsive and high-performance websites tailored to business needs.
Mobile App Development: Designing intuitive apps for iOS and Android to enhance customer engagement.
UI/UX Design: Creating seamless user experiences through research-driven designs.
Graphic Design: Delivering compelling visuals that resonate with audiences.
Video Editing: Producing impactful videos to communicate powerful stories.

IT Consultancy Services

Our consultancy solutions empower organizations to streamline operations, improve efficiency, and achieve their business goals. With a focus on innovation, we guide businesses in adopting technologies that create value and drive results.

<u>INSTRUCTIONS FOR SUBMISSIONS</u>

1. Project Submission Form
A project submission form will be shared via email later. In the meantime, continue working diligently on your assigned tasks and projects.

2. Task and Project Requirements
- **Java Development Internship**: Complete **at least two projects** for successful completion of the internship. The projects can be from the same level or different levels, as per your preference.

3. Uploading Work to GitHub
- Create a GitHub repository named **"CODING SAMURAI INTERNSHIP TASK."**
- Upload all completed tasks or projects to this repository.
- The repository link will need to be submitted via the project submission form.
- For UI/UX Design Interns , they can upload their work on dribble or behance or any other design platfroms
- **SAMPLE GITHUB REPOSITORY**- GITHUB DEMONSTRATION

4. Create and Share a Demonstration Video
- Record a video showcasing your work. The video should demonstrate your efforts and contributions to the tasks or projects.
- Post this video on **LinkedIn** to build credibility and serve as proof of your work.
- Tag **Coding Samurai** in your LinkedIn post.
- Include the hashtag **#CodingSamurai** for uniformity and visibility. You

may also use additional hashtags like **#Internship** and **#AppDevelopment** for greater reach.

- SAMPLE VIDEO SUBMISSION- [Video demonstration](#)

5. Utilize Online Resources
Feel free to use resources such as Google Search, online tutorials, and instructional videos to aid your learning and task completion.

6. Rewards for Outstanding Performance
The best interns will receive:
- A **Letter of Recommendation (LOR).**
- A chance to win a **stipend** for outstanding performance.
- **Feature recognition** on Coding Samurai's official page for exceptional contributions.

Java Development

Level 1: Beginner (Basic Concepts and Skills)

Project 1: Simple Calculator

- **Description**: Create a basic calculator in Java that can perform arithmetic operations like addition, subtraction, multiplication, and division.
- **Skills**: Basic syntax, user input, conditionals, loops.
- **Video Reference**: [Java Calculator Program](#)
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Project 2: ATM Banking System

- **Description**: Build a simple ATM system that allows users to check their balance, deposit money, and withdraw money.
- **Skills**: Variables, conditionals, methods, and arrays.
- **Video Reference**: [ATM Banking System in Java](#)

Level 2: Intermediate (Slightly More Involved)

Project 3: Library Management System

- **Description**: Create a library management system where users can borrow and return books. This system can include functionality to search for books, check availability, and track borrowing history.
- **Skills**: Object-oriented programming (OOP), classes and objects, arrays/lists.
- **Video Reference**: Library Management System in Java

Project 4: Online Quiz Application

- **Description**: Build an online quiz application where users can answer questions, see the score at the end, and check correct answers.
- **Skills**: OOP, user input, loops, array/list management.
- **Video Reference**: Java Online Quiz Application

Level 3: Advanced (Simplified)

Project 5: E-Commerce System (Basic)

- **Description**: Develop an e-commerce application where users can browse products, add them to their cart, and make a purchase. You can implement basic features without a database for simplicity.
- **Skills**: OOP, file handling, array/lists, data persistence, user authentication.
- **Video Reference**: Java E-Commerce System
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Project 6: Chat Application (Client-Server)

- **Description**: Create a chat application that allows multiple users to send messages to each other using a client-server model. The server handles incoming messages, and clients display them.
- **Skills**: Networking, multi-threading, sockets, GUI with Swing (optional).
- **Video Reference**: Java Chat Application
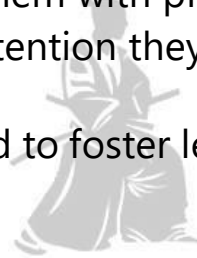
Purpose of the Internship: Learn and Grow

Autonomy and Responsibility

We respect your independence. It is entirely your decision whether to seek guidance or proceed on your own.

Challenge and Professionalism

The tasks assigned may appear simple or complex. Regardless, we expect you to approach them with professional diligence and dedicate the necessary attention they deserve.

This internship is designed to foster learning, growth, and practical experience.

CONNECT WITH US

1) WEBSITE- **www.codingsamurai.in**

2) LINKEDIN- **Coding Samurai**

3) EMAIL- **support@codingsamurai.in**

4) TELEGRAM- **Coding Samurai**