internStudio

WEB DEVELOPMENT INTERNSHIP

TASK GUIDE

Build for the modern web. Ship real products, end to end.

SIX ADVANCED PROJECTS — CHOOSE ANY TWO

01 **Multi-Vendor Marketplace Platform**

02 **Real-Time Collaborative Whiteboard**

03 **Job Board with Application Tracking**

04 **Subscription-Based Content Platform**

05 **Booking & Scheduling System**

06 **Community Q&A Platform**

INTERNSHIP
Web Development

REQUIRED TASKS
Complete any 2 projects

FOCUS
HTML/CSS/JS · APIs · Databases · Auth · Deployment

INTERNSHIP INSTRUCTIONS

Your Internship Tasks

Select and complete **any 2 projects** from the task list. Each project should be a complete, working web application — not a single static page.

Plan	Design	Build	Test	Deploy	Document

EVERY PROJECT SHOULD INCLUDE

- [ ] A working, deployed web application
- [ ] A relational or document database
- [ ] User authentication where relevant
- [ ] Server-rendered or client-rendered UI
- [ ] Basic input validation
- [ ] A clear README with setup steps
- [ ] Responsive layout for mobile and desktop
- [ ] Environment-based configuration

BEFORE YOU SUBMIT

- [ ] Complete any 2 projects from the list
- [ ] Push the project to GitHub
- [ ] Deploy it live where applicable
- [ ] Add a README with setup instructions
- [ ] Add screenshots of the working app
- [ ] Submit details via the submission form
- [ ] Share your work on LinkedIn as required

> **Suggested technologies:** HTML · CSS · JavaScript · a backend framework (Node/Express, Django, or similar) · a database (PostgreSQL/MySQL/MongoDB).

Submit your completed work here

Once both projects are deployed and pushed to GitHub, submit your project details through the official submission form.

https://forms.gle/vxL5JE8cvRXXfDBv8

> **A note on quality.** A polished full application beats a longer feature list. You should be able to walk through your architecture and defend your decisions in an interview.

01 Multi-Vendor Marketplace Platform

Build a marketplace where multiple sellers list products and buyers can browse, purchase and review them.

REQUIREMENTS

- User and seller authentication
- Product listings with images
- Shopping cart and checkout flow
- Product reviews and ratings
- Responsive design
- Seller storefronts
- Search and category filtering
- Order history for buyers and sellers
- Basic seller dashboard with sales data

Focus: Full-stack development, relational data modeling, authentication and a real multi-role application.

02 Real-Time Collaborative Whiteboard

Build a web app where multiple users can draw and annotate on a shared canvas in real time.

REQUIREMENTS

- Real-time sync between connected users
- Multiple boards / rooms
- Persist board state to a database
- Export board as an image
- Drawing tools (pen, shapes, text)
- User presence indicators
- Undo / redo support
- Access control per board

Focus: WebSockets, real-time state sync, canvas rendering and collaborative UX.

03 Job Board with Application Tracking

Build a job board where companies post openings and candidates apply and track their application status.

REQUIREMENTS

- Company and candidate accounts
- Search and filters (location, role, type)
- Application status tracking
- Email or in-app notifications
- Job posting and editing
- Application submission with resume upload
- Employer dashboard for applicants
- Role-based access control

Focus: Full-stack CRUD at scale, role-based authorization, file handling and notifications.

04 Subscription-Based Content Platform

Build a platform where creators publish gated content that users unlock via a subscription tier.

REQUIREMENTS

- User authentication and subscription tiers
- Payment integration (test mode)
- Creator dashboard with basic analytics
- Search across published content
- Content upload and gating by tier
- Content feed with pagination
- Comment or reaction system
- Responsive design

Focus: Payment integration, access control, content management and creator-facing analytics.

05 Booking & Scheduling System

Build a booking platform for a service business (clinic, salon, tutoring, etc.) with real availability management.

REQUIREMENTS

- Service provider and customer accounts
- Real-time slot booking with conflict prevention
- Reminders or notifications
- Search / filter by service or provider
- Availability calendar management
- Booking confirmation and cancellation
- Provider dashboard with upcoming bookings
- Responsive design

Focus: Scheduling logic, concurrency-safe booking, notifications and a two-sided application.

06 Community Q&A Platform

Build a Stack-Overflow-style platform where users ask questions, post answers, and vote on quality.

REQUIREMENTS

- User authentication and profiles
- Upvote / downvote system
- Accepted-answer marking
- Comment threads
- Question and answer posting with rich text
- Tagging and tag-based search
- Reputation or scoring system
- Search across questions

Focus: Complex relational data, voting/ranking logic, search and community-driven UX.

FINAL STEP

Ready to Submit?

Verify everything below before you send your work in.

SUBMISSION

- [ ] GitHub repository
- [ ] README with setup steps
- [ ] Live deployment link
- [ ] Screenshots included
- [ ] Submission form completed
- [ ] LinkedIn post where required

SECURITY

- [ ] Passwords hashed, never stored in plain text
- [ ] Protected routes actually enforced
- [ ] No secrets committed to GitHub

APPLICATION

- [ ] Fully functional core features
- [ ] Responsive on desktop and mobile
- [ ] Clean, organized code
- [ ] Loading, empty and error states handled

DATA

- [ ] Database schema is sensible
- [ ] Data persists correctly
- [ ] Basic validation and error handling in place

Important. Complete any 2 projects. Each should be a real, working application you can demo live — not just source code.

Submission Form

Submit your repository, live link and screenshots here.

https://forms.gle/vxL5JE8cvRXXfDBv8

internStudio

LEARN · BUILD · GROW

www.internstudio.in

team.internstudio@gmail.com