# Project Planning:

**✅ PROJECT SUMMARY CHECKLIST**

**1. Project Purpose**

* **CareerCraft** helps users make better career decisions using AI (resumes, skill gaps, interviews, roadmaps).
* Focus is on **AI + Web App** with a clean UI and seamless UX.

**🧩 FEATURE MODULES TO BUILD**

| **Feature** | **Description** |
| --- | --- |
| **Resume Generator** | User uploads data; AI formats, rewrites & enhances the resume. |
| **Skill Gap Analyzer** | Compare user skills with job descriptions. Show gaps. |
| **Interview Simulator** | Role-based mock interview Q&A with AI feedback. |
| **Career Roadmap** | AI suggests future skills, milestones, and trackable goals. |
| **Portfolio Builder** | Personal, shareable public page with user's info, achievements. |
| **Weekly Career Tracker** | Dashboard with charts tracking user progress. |
| **Admin Panel** | View users, insights, and control content (if time allows). |

**🗂️ WEEK 1 WORK**

**✅ Your Tasks (Faiqa – UI/UX + Frontend):**

* Design **all screens in Figma**: mobile + desktop
* Make **user flow intuitive**, use auto-layouts & variants
* Export **tokens/assets for dev handoff**
* **Also assist with actual frontend coding**: start building static screens using **React + Tailwind + shadcn/ui**
  + Setup components like Header, Sidebar, Buttons, Cards, Forms (as per Figma)
  + Collaborate with Muneeb to hook them to actual data later

**✅ Muneeb’s Tasks:**

* Setup React + TypeScript + Tailwind (Vite)
* Setup backend (Node.js + Express + PostgreSQL + Prisma)
* Plan & design **database schema** and **API endpoints**
* Integrate OpenAI for resume, interview, skill suggestions

**⚙️ TECH STACK TO USE**

**✅ Frontend:**

* **React 18+, TypeScript, Vite**
* **Tailwind CSS, shadcn/ui**
* **Zustand** (state) + **TanStack Query** (data fetching)
* **Framer Motion** (animation), **Chart.js** (dashboard)

**✅ Backend:**

* **Node.js + Express** (or React Server Components)
* **PostgreSQL** + **Prisma ORM**
* **OpenAI API**, external APIs (courses, job data)

**✅ Tools:**

* **Figma** (UI/UX)
* **GitHub Actions** (CI/CD)
* **Vercel (Frontend)**, **Railway (Backend)**

**🧪 Testing & Deployment**

* **React Testing Library + Jest** for frontend
* **Jest + Supertest** for backend
* **CI** on GitHub Actions: run tests on PRs, auto-deploy on main branch

**📁 GITHUB STRUCTURE & WORKFLOW**

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/client => React frontend

/server => Node.js backend

/docs => All documentation, API specs, DB schema

README.md => Overview, Setup, Tech Stack, Features

CONTRIBUTING.md => Contribution rules

* Use **PR templates, issue templates**
* **Branches**: main, dev, feature/\*
* **Commit convention**: feat:, fix:, docs:, etc.

**🎯 Your Expanded Role (Faiqa)**

| **Area** | **Tasks** |
| --- | --- |
| **UI/UX** | Figma designs, user journey, component layout |
| **Frontend** | Setup components, styling with Tailwind + shadcn |
| **Docs** | Maintain README, contributing guides, API docs |
| **GitHub Manager** | Organize repo, manage issues/projects, maintain standards |

**🧠 Stretch Goals (Optional)**

* Career quiz (MBTI-style)
* LinkedIn API integration
* Community forum (React + Firebase)
* Live mentor sessions (paid)