

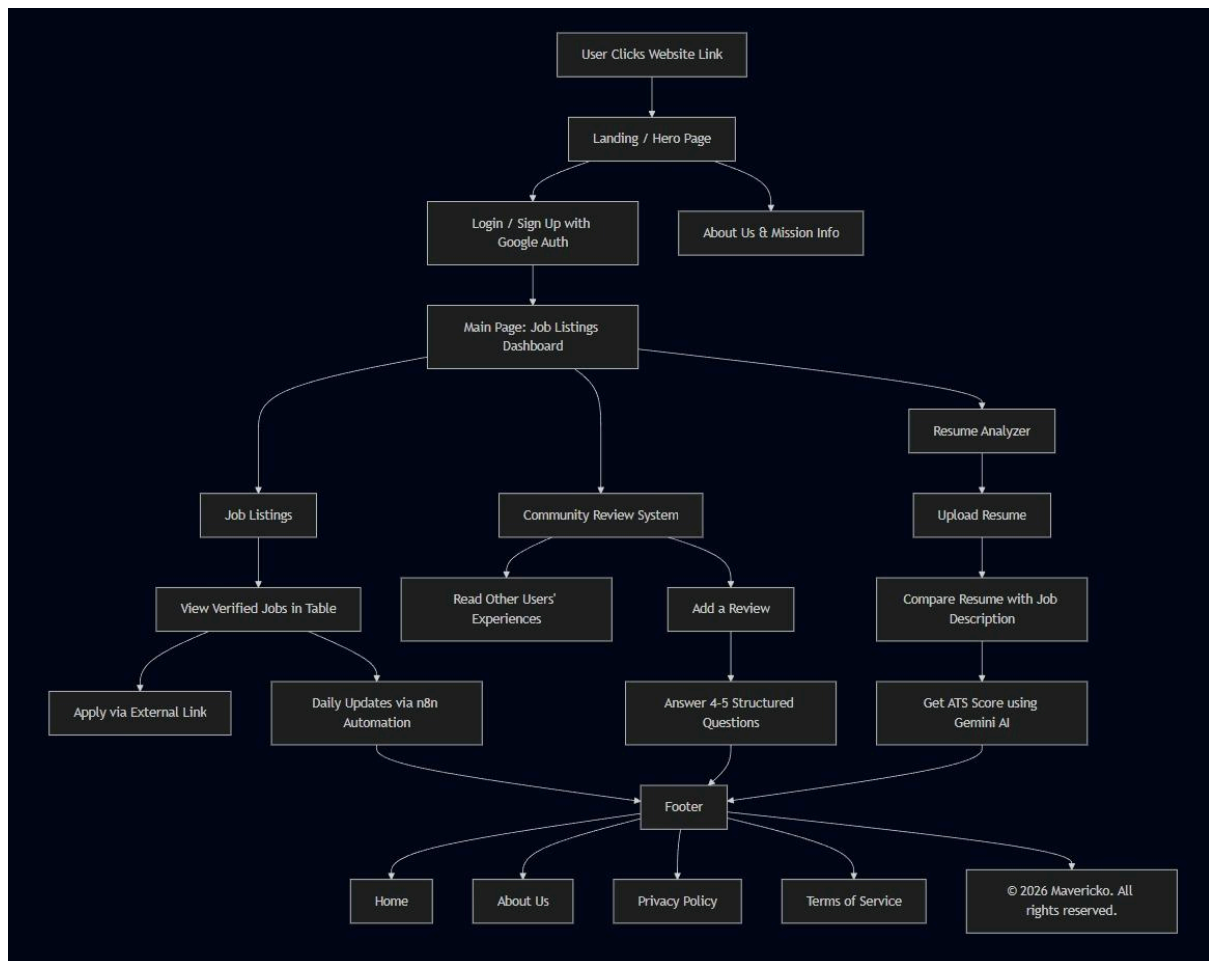
Project Build Sequence

Execute these 5 commands ONE BY ONE in exact order (1→2→3→4→5).

CRITICAL RULE 1: Complete each command 100% accurately per requirements BEFORE moving to next. Never skip ahead.

CRITICAL RULE 2: Once a command is done, NEVER change or touch earlier completed commands when new changes are mentioned in later commands. This minimizes errors.

After finishing each command 100%, ask: "Ready for Command [X+1]?"



Mavericko Logo



Global UI/UX Requirements

These guidelines apply across all pages and sections of the website.

- The interface must be user-friendly and smoothly scrollable.
- Animation colors must remain consistent, with no changes triggered on scroll.
- The design and color scheme must remain uniform across the entire website; no page should have a unique or different theme.
- Website background theme: **Black, Purple, and White** (specific shade values will be provided later).
- The website must be fully responsive, dynamic, and accessible across all devices, including mobile phones, PCs, tablets, and laptops.
- An additional document labeled with “Template” in its name will be provided strictly for reference purposes only. Its content should not be copied; it should be used solely as visual and stylistic inspiration, including referenced imagery from other websites that align with our theme.

File Structure (Foundation)

- Establish modular architecture first.

- The main file handles application routing and feature access control.
- Each feature includes one UI file (Frontend) and one Controller file (Backend).

Command 1. Landing / Hero Page (Entry Point)

(Note: This has to be the most beautiful part of the website so make it as attractive and interactive as possible with elements that will make it look like it is much pricey)

- **Header (Top Navigation Bar)**
 - Left Section: * Brand Identity: Mavericko Logo (or the specific project logo).
 - Middle Section (Navbar): * Home: Anchor link to the top of the page.
 - About Us: Anchor link to the About Mavericko section.
 - Contact Us: Anchor Link which will work similar to support and communication in the footer ()
 - How it Works: Anchor link to the verification process explanation.
 - Right Section: * Login/Signup Button: Leads to the dedicated Authentication page.
- **Hero Section (The Visual Entry)**
 - Main Headline: A bold statement about the product's mission.
 - Sub-headline: Explaining how the platform aggregates data from verified sources and filters it for the user.
 - Primary Action: "Join the Revolution" button.
 - Visual Graphic: Tech-focused imagery representing data verification.
- **Platform Transparency (Setting Expectations)**
 - The Discovery Model: This platform is a specialized discovery engine, not a job provider; we find the opportunities, but we aren't the ones hiring.
 - Filtering Logic: Our technology scans verified external platforms and aggressively filters the data to save you hours of manual searching.
 - Integrity Clause: We help you locate the most reliable application links, but the platform does not facilitate the actual hiring process.
 - Success Ownership: Final employment outcomes depend entirely on your individual skills and the hiring company's internal decisions.
- **The Efficiency Mission (The "Time-Saver" Statement)**
 - Protecting Your Time: We save you hours by filtering out ghost jobs so you only apply to active listings, not empty advertisements.

- Experience-Driven Data: We turn bad recruitment experiences into smart filters, using community feedback to protect others from the same frustrations.

- **The Advantage (Why the Product is Superior)**
 - Real-Time Accuracy: A highlighted point stating that the list of verified jobs is updated every single day to ensure zero stale listings.
 - Automated Verification: Using community surveys to flag and remove "ghost jobs."
 - Aggregated Efficiency: Consolidating the best listings from across the web into one filtered view.
 - Integrity Focus: Why filtered data is superior to the "noise" on traditional job boards.
 - Updated List: The list is updated using an automated system on a daily basis so the opportunities are more recent.

- **About Mavericko (Company Identity)**
 - Corporate Profile: Introduction to Mavericko as the parent company founded by Soham, Aryan, and Yash.
 - Company Mission: Mavericko's commitment to building honest, transparent digital tools.
 - Founders' Vision: A brief note on why the founders are passionate about solving the transparency gap in recruitment.

- **Final Call to Action (The Closer)**
 - Secondary Action: A second "Join the Revolution" button.

- **Footer (The Navigation Hub) (All of them when clicked will take to the specified link)**
 - Corporate Links: * Mavericko Official: Direct link to the main Mavericko corporate website.
 - Support & Communication: * Raise a Query: Link leading to a page to submit specific questions, which then redirects to a confirmation/thank you page.
 - Social Media Icons: Direct links to Mavericko's LinkedIn, Twitter, and Instagram.
 - Legal & Compliance: * Privacy Policy Link.
 - Terms of Service Link.
 - Copyright Line: "© 2026 Mavericko. All rights reserved."

Command 2. Login / Sign-Up Page (Gateway Feature)

- Implement after landing, as users must authenticate via Google OAuth 2.0 to access services.
- Initial step: Email, Password.
- Post-auth (new tab): First Name, Last Name, Email (auto-filled), Phone Number, Profession or College, Resume Upload.
- Redirect to the main page (e.g., Dashboard) after success.
- Reference Video Link: https://youtu.be/ws5d-6llXFQ?si=nNAkRuxipoT_GdTX
- If this needs to be done manually by our team, please guide us through the process. Once that is complete, we will merge it with the code. Only after this step is fully finished will we proceed to the next command.

Command 3. Is the Job List page (core post-login). Commands 3, 4, and 5 will appear on the same dashboard, with redirect buttons to their respective pages: Job Listings, Community Reviews, and Resume Analyzer.

(Note: This must also look attractive but give more emphasis on the fact that it works)

- **Header (Authenticated State)**
 - Left Section:
 - Brand Identity: Mavericko / Product Logo.
 - Middle Section (Streamlined Navigation):
 - Home: A single link to return to the main dashboard/landing view.
 - *(Placeholder for a 2nd or 3rd navigation item if you decide on one later).*
 - Right Section (User Interaction Hub):
 - User Profile Avatar: A clickable profile picture/icon.
 - Interactive Dropdown (Appears on click):
 - Profile: Takes the user to their personal account and resume settings.
 - My Saved Jobs: Shows a list of listings the user has bookmarked for later.
 - Logout: Securely signs the user out of the platform.
- **View Toggle Switch (Community vs. Jobs)**
 - Visual Style: A sleek, pill-shaped toggle switch positioned centrally or aligned with the filters.
 - Default State (Off/Left): "Job Listings" – This is the active view by default. It displays the Job List Table below.

- Toggled State (On/Right): "Community Reviews" – When clicked, it hides the Job List Table and renders the Community Review System interface (where users can discuss issues and view reports).
- **Search & Filter Bar (The Utility Row)**
 - Search Input: A dedicated field to search by Company Name or Job Title.
 - Sorting Dropdown: Ability to sort the table by "Newest First," "Salary (High to Low)," or "Match %" or "Job Title", "Company".
- **Job List Table (The Main View)**
 - Live Sync Integration: The table is connected directly to your Google Sheet; any row added or edited in the sheet reflects instantly on the site.
 - Table Style: A high-utility, attractive table with clean borders and hover effects on rows.
 - Table Columns:
 - Company: Displays Company Logo and Name side-by-side.
 - Job Title: The specific role (e.g., "Full Stack Intern").
 - Salary: Salary/Stipend (clearly formatted).
 - Posted On: The recency tag indicating the daily refresh.
 - Action: * Primary Action: "Apply" button (External Link).
 - Secondary Action: "View Details" (Triggers Modal).
- **Interactive Job Details (The Deep Dive Modal)**
 - Location Data: Displays the job location, pulled directly from the "Location" column in the Google Sheet.
 - Full Job Description: Detailed text pulled from the verified source. This will be taken from the Job Description Column in the Google sheet
 - AI Resume Matchmaking (Gemini-Powered):
 - The Match Score: A percentage (out of 100%) showing resume compatibility.
 - Missing Skills Section: An expandable list triggered by clicking the percentage, showing specific gaps in the user's skillset for that role.
 - Direct Application: A call-to-action button to apply on the source site.
- **Footer (Common Hub) (All of them when clicked will take to the specified link)**
 - Corporate Links: Mavericko Official (link to the corporate site).
 - Support: Raise a Query (link to the query submission flow).
 - Socials: LinkedIn, Twitter, and Instagram icons.
 - Legal: Privacy Policy, Terms of Service, and the Copyright Line: "© 2026 Mavericko. All rights reserved."

Command 4. Community Review Page (a Reddit-style community feature integrated into our website's design, allowing users to share ghost job experiences and help others avoid scams.)

Our automated system will send an email to the user **14 days after applying for a position**, asking whether they received any response from the company. If not, the job will be marked as a ghost job.

Mail Format:**Automated Email (14-Day Follow-Up)**

Purpose: Notify the user and redirect them to the review/status page.

Note: The email does NOT contain questions. It only prompts action.

Subject: Follow-Up on Your Job Application

Email Body:

It has been 14 days since you applied for this position. To help us maintain transparency and protect our community from ghost job listings, please update the status of your application.

Click the secure link below to share your experience.

[View Application Status]

- Protected; link from Job List or Dashboard.
- **Q1 Status Check:** “It’s been 14 days since you applied. What is the current status?” Options: Interview/Offer, Rejected, Radio Silence, Automated Email.
- **Q2 Effort Check:** “Did you try to follow up?” Options: Yes — ignored, Yes — generic reply, No — waiting.
- **Q3 Ghost Verdict:** “Is this job real?” Options: Yes — slow, Maybe — disorganized, No — ghost job.
- **Q4 Mental Toll:** “How affected?” Options: No impact, Mildly annoying, High stress.
- **Q5 Helper:** Optional short text box for advice.
- **Proof:** Upload screenshots/videos for internal review.

If applied from other platforms and the user wants to post a review, the user will get different questions:

- **Q1** Which company/role did the user apply for?
- **Q2** From which platform did the user apply?
- **Q3** How many days have passed since the user has not received any feedback?
- **Q4** How did it affect the user, and provide a review.
- **Q5** Do you want to upload any screenshots as proof of the procedure?

Technology Stack

Frontend Architecture (User Experience & Performance)

Framework:

- **Next.js (React) with TypeScript**

Next.js enables **SEO-optimized rendering** for public landing pages while maintaining high performance for authenticated user flows. TypeScript ensures **type safety, maintainability, and reduced runtime errors**, making the frontend suitable for long-term scaling.

Styling & Animations:

- **Tailwind CSS** for a consistent black-purple-white design system
- **Framer Motion** for smooth, premium-grade animations (hero sections, modals, transitions, toggles)

This combination delivers a **high-end SaaS experience** with responsive design across mobile, tablet, and desktop devices.

Component Layer:

- **shadcn/ui or Radix UI**

Enterprise-grade, accessible UI components are used to maintain consistency, usability, and a polished visual identity across the platform.

Result:

A frontend that looks premium, feels fluid, and scales cleanly as features grow.

Backend Architecture (Scalability & Modularity)

Runtime & Framework:

- **Node.js with NestJS**

NestJS provides an **enterprise-level backend architecture** with clear separation of concerns. Each feature follows a modular structure with **dedicated controllers and services**, aligning with the project's requirement of one UI and one controller per feature.

Core backend modules include:

- Authentication & User Management
- Job Listings & Verification
- Community Reviews & Reports
- Resume Analysis & AI Matching
- Automated Email & Notification Services

NestJS is selected over plain Express to ensure **maintainability, testability, and professional code structure** suitable for a business-grade product.

Database Layer (Data Integrity & Reliability)

Primary Database:

- PostgreSQL

PostgreSQL serves as the system's **single source of truth**, handling structured relational data such as users, jobs, applications, reviews, reports, and job status tracking. Its reliability and advanced querying capabilities make it ideal for a **trust-driven platform**.

ORM:

- Prisma

Prisma provides a **type-safe database layer**, enabling faster development, cleaner schemas, and fewer production bugs while simplifying migrations and data access.

Real-Time Data Sync & Performance Optimization

Live Job Data Source:

- Google Sheets API

The job listings are synced directly from a Google Sheet, enabling **real-time updates without downtime** and allowing administrators to manage listings without redeploying the application.

Caching (Phase 2):

- **Redis (Optional)**

Redis may be introduced in later stages to cache frequently accessed job data and improve performance under higher traffic loads.

Authentication & User Security

Authentication Methods:

- **Google OAuth 2.0**
- **Email & Password Authentication**

Google OAuth ensures **trusted, low-friction onboarding**, while email/password login supports broader accessibility.

Implementation Options:

- Google Identity Platform
 - Firebase Authentication (preferred for seamless Google ecosystem integration)
-

AI & Intelligence Layer (“Google Antigravity”)

AI Engine:

- **Google Gemini API**

Gemini powers Mavericko’s **resume-to-job matching system**, enabling:

- Resume and job description comparison
- Skill gap identification

- Match score generation (0–100%)

This AI layer is designed as a **core product differentiator**, delivering real, applied intelligence rather than superficial automation.

Cloud Infrastructure & Deployment

Cloud Provider:

- **Google Cloud Platform (GCP)**

Platform Capability	GCP Service
Frontend Hosting	Cloud Run / Firebase Hosting
Backend APIs	Cloud Run
Database	Cloud SQL (PostgreSQL)
File Storage	Cloud Storage
Email Automation	Cloud Tasks + SendGrid
Security & Access	IAM + OAuth

This infrastructure supports **scalability, security, and operational efficiency**, aligning with industry practices used by modern SaaS startups.

Automated Ghost Job Detection System

Mavericko includes an automated transparency mechanism:

- **Cloud Scheduler** triggers follow-up workflows 14 days after application
- **Cloud Functions** handle notification and status updates
- **Community feedback data** flags unresponsive or misleading listings
- **Gemini AI (future phase)** identifies patterns and improves detection accuracy

This system strengthens platform trust and creates a defensible competitive advantage.

Community Review System

The platform integrates a **Reddit-style, moderated community layer** to crowdsource transparency:

Backend:

- PostgreSQL for reviews and reports
- Cloud Storage for proof uploads
- Role-based moderation controls

Frontend:

- Job ↔ Community toggle view
- Collapsible review threads
- Trust indicators (verified, flagged, ghost job)

This feature introduces **network effects**, increasing platform value as user participation grows.