# ✅ Project Management Roadmap for Job & Networking Platform

## 1. Project Setup

☐ Initialize GitHub repo & branch strategy

☐ Setup Node.js + Express backend

☐ Setup Next.js + Tailwind frontend (web)

☐ Setup React Native project (mobile apps)

☐ Configure ESLint, Prettier, Husky (code quality)

☐ Setup MongoDB cluster (Atlas)

☐ Connect to db via db.js (Mongoose)

☐ Setup environment variables (.env)

☐ Setup Docker (optional but recommended)

## 2. Authentication & Security

☐ Role-Based Authentication (JWT)

☐ Google OAuth login

☐ Two-Factor Authentication (2FA)

☐ Password hashing (bcrypt)

☐ Session/token expiration & refresh logic

☐ Access control middleware for roles (Candidate, Freelancer, Company, Org, Admin)

## 3. Profile Management

☐ Candidate profile creation (CV, banner, social links)

☐ Multiple CV uploads (PDF, templates)

☐ CV builder (sections: education, jobs, skills)

☐ Portfolio showcase (freelancers: images, videos)

☐ Verification system (phone/email/ID check)

☐ Profile boosting (paid feature, Phase 2)

## 4. Jobs & Tenders

☐ Job posting (with unique IDs)

☐ Tender posting (with templates)

☐ Advanced filtering (keyword, location, industry)

☐ Application tracking (applied, shortlisted, rejected)

☐ Tender bidding management

☐ Job/tender templates (from docs)

## 5. Applications & Proposals

☐ Manual apply system

☐ Auto-apply option

☐ Proposal submission for freelancers

☐ Tracking (applied, accepted, rejected, pending)

## 6. Messaging & Notifications

☐ Real-time chat (Socket.io)

☐ Group chat (teams, alumni, recruiters)

☐ In-app notifications (new jobs, messages)

☐ Email notifications (jobs, tenders, follow requests)

☐ Notification settings (DND mode)

## 7. Networking & Social

☐ Posts (text, images, videos)

☐ Likes, comments, shares

☐ Follow/connect users & companies

☐ Groups creation & collaboration

☐ Group chats, file sharing

## 8. Search & Discovery

☐ Keyword search

☐ Advanced filters (industry, location, skill)

☐ Nearby jobs (GPS-based)

☐ Product template filters (model, color, price)

## 9. Admin Panel

☐ Manage all user roles

☐ Approve/reject verification requests

☐ Suspend/ban users

☐ Manage subscription packages

☐ Manage ads/promotions

☐ Analytics dashboard (users, jobs, revenue)

## 10. Multilingual & UI

☐ Language support: Amharic, English, Oromifa

☐ Dark/Light mode toggle

☐ Hover effects, tooltips, counters

☐ Responsive mobile/web design

☐ Accessibility features

## 11. Payments & Monetization (Phase 2)

☐ Payment gateways: Chapa, ArifPay, PayPal

☐ Subscription management (monthly, yearly)

☐ Boosting/Promoted job posts

☐ Commission on tenders/bids

☐ Ads integration

## 12. Deployment & Maintenance

☐ Deploy backend (AWS, Render, or DigitalOcean)

☐ Deploy frontend (Vercel)

☐ Deploy mobile apps (Play Store, App Store)

☐ Setup Cloudflare + SSL (security)

☐ Setup CI/CD pipeline (GitHub Actions, Jenkins)

☐ Monitoring (Sentry, LogRocket, New Relic)

☐ Backups & database scaling

## 13. Testing & QA

☐ Unit testing (Jest, Mocha)

☐ Integration testing

☐ API testing (Postman collections)

☐ UI/UX testing (manual + automated)

☐ Load testing (k6, JMeter)

☐ Security penetration tests

## 📌 Recommended Project Management Tools

• Trello / Jira – Kanban boards for all tasks

• Notion – Documentation + task management (tick boxes, databases)

• ClickUp – Combines tasks, docs, time tracking in one app

• Asana – For deadlines and assignments

• GitHub Projects – Direct integration with your repo