

# Vocallink Platform Architecture

## Public/User Website (Readers & Writers)

This is the public interface where users come to read, write, comment, share, and engage.

### Auth Pages

Login: Email + Password + Social logins (Google, LinkedIn)

Signup: Choose role: Reader / Writer. Optional username & bio

Forgot Password: Email verification to reset password

Verify Email Page: Optional for email confirmation flow

### Home Page

Hero Banner: Site tagline, CTA to "Start Writing" or "Explore Blogs"

Featured Blogs: Editor's pick, top-rated blogs

Trending Tags: e.g. #startups, #ai, #health

Search Bar: Search by title, tag, author

Categories: Tech, Health, Personal Growth, etc.

Call to Action: Why join, write, or read on your platform?

Footer: About, Contact, Privacy, Terms, Social Links

### Blog Feed (Main Explorer Page)

Personalized Feed: Based on topics followed, past reads

Filter/Sort: By Trending, Latest, Popular, Tags, Length, Read Time

Mood Filter: Happy, Thoughtful, Motivational, etc. (Unique idea)

Blog Cards: Summary, author, tags, likes, comments, read time

### Blog Reader Page

Blog Title: H1 header

AI Summary: Short TL;DR generated by AI

Author Info: Name, profile, date, follow button

Read Time: Estimated reading time

Text Content: Main blog body

Media: Images, code, videos

Inline Commenting: React to specific lines or paragraphs (Medium-style)

Like / Bookmark / Share: Social sharing, save for later

Text-to-Speech: Read aloud the article (AI voice)

Translate: Language selector (English, Hindi, etc.)

Comments Section: Comment box + thread replies

Related Blogs: Based on tags or author

Report Post: For abuse/spam

### Create/Edit Blog Page

Blog Title: Input field

Cover Image: Upload or Unsplash integration

Blog Body: Rich text editor (Markdown or Notion-style)

Add Tags: Up to 5 tags

Add Series: Link to existing or new series

Visibility: Draft / Public / Private

Preview: Live blog preview toggle

Publish Button: Save & publish

AI Assist: Suggest titles, rewrite paragraphs, tag generation (optional)

### **Series Page**

Timeline View: Blog series in chronological order

Add to Series: Link blogs together

Description: Short summary of the full series

### **Author Profile Page**

Avatar, Bio, Links: Profile info

Blogs Written: Paginated list

Followers / Following: Social following model

Stats: Views, likes, comments (public)

Badges / Achievements: Rewards display (optional gamification)

### **User Settings**

Edit Profile: Avatar, Name, Bio, Social Links

Change Password: Old/new password

Notification Settings: Email & in-app preferences

Reading History: Blogs read

Bookmarked Blogs: Saved for later

Delete Account: Permanent delete option

### **Creator Dashboard**

Blog Performance: Views, likes, comments over time

Heatmap: Scroll depth, paragraph engagement

Earnings: Rewards, badges, level stats (optional)

Blog Management: List, edit, delete blogs

### **Rewards Center**

Earn XP: Read, comment, publish blogs

Badges: 7-day read streak, Top Commenter, etc.

Tokens/Points: Redeemable for perks or future monetization

Leaderboard: Top writers & readers (weekly/monthly)

### **Admin Dashboard**

This is your control panel to manage everything from blogs to users and platform content.

### **Dashboard Overview**

Total Blogs, Users, Comments: Stats overview

Active/Inactive Writers: Track engagement

Abuse Reports: Recent flagged blogs or users

Top Writers: Based on likes/views

### **User Management**

View Users: All registered users

Roles: Reader / Writer / Admin

Ban User: Temporarily or permanently

Approve Writer Applications: If writers need approval

Reset Password: For support

### **Blog Management**

Approve / Reject Posts: If moderation is on

Delete/Flagged Blogs: Spam or plagiarism

Feature Blog: Set blog as "Editor's Pick"

Tag Management: Add/edit popular tags

### **Comments Management**

View Comments: All comments site-wide

Delete / Reported: Manage abuse, spam

Block Commenter: Restrict abusive users

### **Settings Panel**

Site Branding: Logo, Title, Description

Social Links: Header/footer links

SEO Settings: Meta title, description, sitemap

Reward Settings: Enable/disable XP, badges, etc.

Language Support: Manage available translations

### **Newsletter Manager**

Add Newsletter: Weekly digest

Send to Users: Send via email

Schedule Campaigns: Automation via SendGrid or Mailchimp

### **Bonus: API / Mobile App Ready?**

Structure your backend with:

- REST API or GraphQL for modularity
- JWT/Auth-based secure access
- SSR-ready frontend (Next.js or Remix)

### **Final Thoughts - Launch in Phases**

Phase 1: Auth, Blog Feed, Blog Reader, Blog Write, Profile

Phase 2: Comments, Reactions, Tags, Series, Dashboard

Phase 3: Rewards, Admin Panel, Analytics

Phase 4: Mobile, AI Features, Monetization Tools