■ Recommended Projects for a Strong GitHub Profile

1. Fundamentals (Solidify Full-Stack Skills)

■ Expense Tracker with Analytics
- Stack: MERN + TypeScript + Recharts/Chart.js.
- Concepts: CRUD, JWT Auth, state management, data visualization.
- Resume Value: Built a full-stack app with authentication and real-time expense analytics.

■ Real-Time Chat App (Talkify++ Version)
- Stack: Next.js + Node.js + WebSockets/Socket.io + MongoDB.
- Concepts: WebSockets, group chat, typing indicators, notifications.
- Resume Value: Real-time, scalable app → recruiter magnet.

2. Intermediate (System Concepts + AI Integration)

■ Task Scheduler Simulator (OS Project)
- Stack: C++/Java/Python + React (for visualization).
- Concepts: FCFS, SJF, Round Robin, Gantt chart visualization.
- Resume Value: Shows OS knowledge and coding depth.

■ Feedback 360 (Anonymous Feedback with AI Sentiment)
- Stack: Next.js + MongoDB + Zod + OpenAI API.
- Concepts: AI integration (sentiment analysis), input validation, database design.
- Resume Value: AI-powered app demonstrating trend relevance.

■ GitHub Repository Analyzer
- Stack: Python + GitHub API + Flask/FastAPI + React Dashboard.
- Concepts: REST APIs, data fetching, data visualization.
- Resume Value: Unique + directly useful for developers.

3. Advanced (Scalable + Cloud + AI Projects)

■ BrewNet (Geo-Location Based Connections)
- Stack: Next.js + Node.js + MongoDB + Google Maps API + WebSockets.
- Concepts: Geo-queries, location services, real-time consent-driven matchmaking.
- Resume Value: Real-world scalable system + privacy-focused features.

■ Om Tours (AI-Powered Travel Itinerary Generator)
- Stack: Next.js + TypeScript + OpenAI API + Maps/Review APIs.
- Concepts: AI prompt engineering, real-time API integration, state management.
- Resume Value: AI x Web App → very appealing to recruiters in 2025.

■ Mini Database Engine
- Stack: C++/Java.
- Concepts: SQL-like query execution, indexing, transactions, storage.
- Resume Value: Shows deep system understanding (rare + impressive).

4. Standout (OSS + Infra Level Projects)

■ Open Source Contributions
- Pick repos in: Next.js, React, Node, LangChain.
- Concepts: Collaboration, PR reviews, CI/CD.
- Resume Value: Contributed to OSS projects with 10k+ stars.

■ AI-Powered Code Reviewer
- Stack: Next.js + FastAPI + OpenAI API.
- Concepts: Code parsing, AI evaluation, UI dashboards.
- Resume Value: AI + devtools → niche, high value.

■ Distributed File Storage (Mini GFS)
- Stack: Go / Rust (new language).
- Concepts: Networking, replication, fault tolerance.
- Resume Value: Systems + new language → top-tier learning.

■ Languages / Concepts You'll Learn

- TypeScript → safer JS, demanded in industry.
- Go / Rust → systems programming, concurrency, performance.
- Docker + CI/CD → deployment & pipelines.
- Cloud (AWS/GCP/Azure) → EC2, S3, Lambda basics.
- AI APIs (OpenAI, HuggingFace, LangChain) → trending in 2025.

■ Strategy

- Build 3–4 resume-grade projects (mix of full-stack + AI + system).
- Contribute 1–2 open source repos.
- Learn 1 new language (Go/Rust) with a system/infra project.
- Document everything → README + screenshots + deployment.