🔥 Project List for Becoming an Exceptional Developer in 2 Years

# 1. VisionAid – Accessibility App

\*\*Type\*\*: Mobile / Web App

\*\*Tech Stack\*\*: React Native / Flutter, Node.js / Firebase, Google Vision, TTS / Speech Recognition

\*\*Description\*\*: An app to assist visually impaired users through object detection, OCR (reading text aloud), voice command interaction, and navigation assistance.

# 2. Smart Study Scheduler

\*\*Type\*\*: Web App

\*\*Tech Stack\*\*: React, Node.js / Django, MongoDB / PostgreSQL, Calendar API, Machine Learning (optional)

\*\*Description\*\*: A smart planner that analyzes your goals, free time, and study patterns to schedule sessions efficiently. Includes reminders, analytics, and adaptive scheduling.

# 3. CookBuddy – Voice-Controlled Cooking Assistant

\*\*Type\*\*: Web / Mobile App + Voice AI + Optional IoT

\*\*Tech Stack\*\*: React, Node.js / Flask, MongoDB, Google Speech API / Whisper

\*\*Description\*\*: A hands-free voice assistant for cooking that guides users through recipes, sets timers, converts measurements, and offers cooking suggestions.

# 4. CodeCrafter – Visual Coding Playground (Like Scratch)

\*\*Type\*\*: Frontend Heavy + Logic Engine + Game Design

\*\*Tech Stack\*\*: React, Blockly / Konva.js / react-flow, Optional: Node.js + Firebase

\*\*Description\*\*: A block-based coding game for kids and beginners that lets users create interactive stories or games visually.

# 5. FinTrack – Personal Finance Dashboard

\*\*Type\*\*: Full Stack + Data Visualization

\*\*Tech Stack\*\*: React / Next.js, Node.js / Django, Chart.js / Recharts, MongoDB / PostgreSQL, Firebase Auth / JWT

\*\*Description\*\*: A personal finance tool for tracking income, expenses, budgets, and goals with beautiful dashboards and smart alerts.