

Project 1 - Authify: Day 1 Setup Guide

DAY 1 - Full Stack Project Setup (Backend Start)

Goal:

Set up a production-level backend project with Express.js + MongoDB using proper folder structure & connection.

Step 1: Project Folder Create Karna

Create a new folder:

authify-backend

Step 2: Initialize Node.js Project

npm init -y

Step 3: Install Required Packages

npm install express mongoose dotenv cors

Step 4: Folder Structure Banana

/config -> DB connection file

/controllers -> Logic (aage jaake)

/routes -> API route files

/models -> Mongoose schemas

/middleware -> Error/auth check (aage)

.env -> Secrets like DB URI

server.js -> Entry point

Step 5: MongoDB Atlas Setup

- Create cluster, user, allow IP, copy URI

Step 6: .env File Setup

.env file content:

MONGO_URI=your_connection_string

JWT_SECRET=SunilBuildIt

PORT=5000

Step 7: Database Connection File (config/db.js)

Create connectDB function using mongoose.connect

Step 8: Server File Banana (server.js)

Create express app, load .env, connect DB, run server

Step 9: Run Server

node server.js

Check output at <http://localhost:5000>

Day 1 Learnings:

- Node + Express setup
- MongoDB connection
- .env setup
- Folder structure
- Test API route