

# TECHNOLOGY STACK DOCUMENT

This document outlines the complete technology stack used in the development of the Flight Finder application.

## FRONTEND

Component	Technology
UI Library	React.js
Styling	CSS3, Tailwind CSS
Routing	React Router
State Management	Context API / Redux (optional)
Form Validation	Formik + Yup (optional)
Alerts/Toasts	React Toastify / Custom Modals

## BACKEND

Component	Technology
Runtime Environment	Node.js (v14+)
Framework	Express.js
Database	MongoDB Atlas
Authentication	JWT (JSON Web Token)
Password Security	bcrypt.js
API Format	RESTful APIs

## TOOLS & UTILITIES

Purpose	Tool/Library
Package Management	npm
API Testing	Postman
Version Control	Git + GitHub
Environment Config	dotenv