

# Tech stack to Learn for my career

## 1. Basic

- HTML / CSS
- Vanilla JavaScript
- TypeScript

## 2. FrontEnd

- Figma - Design tool
- TailWind CSS - Main CSS framework to work with
- React - Main frontend librarie
- Tsparticle - Library for creating particle animations.
- Lucide-react - Set of reactive SVG icons
- Shadcn UI - Open source UI kit with CLI interface
- React Hook Form - Library for managing forms easily and efficiently.
- Redux / Zustand - State managers for React applications
- Next Js - Framework for creating static and dynamic web applications
- Refine - Framework for building search and filtering interfaces and admin pages

## 3. BackEnd

- Node
- Express
- Nest - Node framework for building scalable and robust web applications
- Zod - Data validation library
- Prisma- ORM database management tool.
- Typeorm - ORM with native TypeScript
- Mongoose - ODM for mongodb
- Passport JS - Authentication framework for Node.js
- Stripe - Node Library for Stripe API Online payment platform

## 4. Databases

- SQL
- PostGres - Open Source SQL solution
- Mongodb - NoSQL document-oriented database.

## 5. DevOps

- Docker
- Docker swarm - Clustering mode for Docker
- Kubernetes - Open-source container orchestration platform.
- Github Action - Automation platform for actions on GitHub (CI-CD)
- AWS cloud Practitioner - Certification for AWS cloud fundamentals.

## 6. CMS

- Payload CMS - Open-source headless CMS.

## 7. Extras

- TanStack Query : Another State management library for React.
- Recharts : Library for creating charts for React.
- NextAuth : Authentication solution for Next.js.
- Vercel : Deployment platform for front-end web applications
- Git - Version control system for tracking changes to code.
- Babel - JavaScript transpiler for converting modern code to browser-compatible code.
- Jest - JavaScript testing framework.
- Cypress - User interface testing tool.
- SEO - Search engine optimization for improving the visibility of a website.
- Accessibility - Designing websites and applications that are usable by everyone, including people with disabilities.