TechJeddah
Web development

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AARON LOEB

Full Stack Development - Beginner Friendly Summary

☐ Phase 1: Building the Basics (Week 1–11)

Learn the Core of Web Development

- **HTML & CSS**: Build web pages using Tailwind CSS
- **JavaScript**: Understand functions, loops, arrays, and objects
- **DOM & Events**: Make your website interactive
- **Projects**: Responsive business website, quiz, form validation, weather app

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☐ Phase 2: Frontend with React (Week 12–16)

Create Dynamic Websites

- **React Basics**: Components, props, state
- **Routing & Hooks**: Use `React Router`, `useState`, `useEffect`
- **APIs & Auth**: Work with data and protect routes
- **Projects**: Task app, blog site, shopping cart, full React app

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☐ Phase 3: Backend with Node.js (Week 17–20)

Build Server-Side Apps

- **Node.js & Express**: Set up a backend server
- **MongoDB**: Store and manage data
- **Authentication**: User login with JWT
- **Projects**: Product API, user auth system, file upload app

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☐ Phase 4: Full-Stack Projects (Week 21–24)

Combine Frontend + Backend

- **MERN Stack**: React + Node + MongoDB
- **Integrations**: Forms, state management, real-time features
- **Final Project**: Create a full e-commerce app or job portal

☐ Learning Style

- ☐ **Hands-On Projects**
- ☐ **Live Coding & Group Discussions**
- ☐ **Weekly Quizzes & Final Capstone Project**

☐ Tools You'll Use

- **Frontend**: HTML, CSS, Tailwind, JavaScript, React
- **Backend**: Node.js, Express, MongoDB
- **Deployment**: Vercel, Netlify, AWS
- **Version Control**: Git & GitHub