

# Vivek Jadhav

✉ jadhavvivek2743@gmail.com ☎ 7498684343 🌐 GitHub 📁 Portfolio

## SUMMARY

I'm a curious developer who enjoys building fun stuff. I like understanding how systems work under the hood. I'm driven by curiosity, whether it's learning a new framework, debugging something tricky, or exploring. I'm always looking to grow and create something cool.

## TECHNICAL SKILLS

### Frontend

- React
- TypeScript
- Tailwind CSS

### Databases

- PostgreSQL
- MongoDB

### DevOps & Tooling

- Docker
- WebContainers

### Backend

- Node.js
- Express.js

### ORM & Auth

- Prisma
- Clerk

### Editors & Runtime

- Monaco Editor
- xterm.js

## PROJECTS

### Forge | In-Browser Node IDE

*React, WebContainers, Tailwind CSS, Monaco Editor, xterm.js*

- Built a production-ready, fully in-browser IDE to write, run, and preview Node.js and modern web projects without local setup.
- Integrated Monaco Editor for rich code editing and xterm.js for a fully interactive terminal experience.
- Implemented a virtual file system with support for nested folders and files.
- Added framework templates (Node.js, React, Vue, Svelte) with live dev-server detection and seamless runtime interaction.
- [Live Link](#) 🌐 | [GitHub](#) 🌐

### Spark | AI Website Builder

*React, WebContainers, TypeScript, Clerk*

- Developed an AI-powered, in-browser website builder that converts natural language prompts into running web applications.
- Built a complete IDE-like workflow with live editing, previews, and a virtual filesystem-no local environment required.
- Implemented automated error detection with AI-driven code fixes to improve development speed and reliability.
- Added secure authentication using Clerk and optimized the platform for production performance and security.
- [Live Link](#) 🌐 | [GitHub](#) 🌐

## CERTIFICATIONS

### Full Stack & DevOps Program - 100xDevs

01/09/2025

Credential: <https://app.100xdevs.com/certificate/verify/KDGOLPCC> (<https://app.100xdevs.com/certificate/verify/KDGOLPCC>)

### AWS Cloud Foundations - AWS Academy

01/07/2025

Credential: <https://www.credly.com/go/n4PJO4Ti> (<https://www.credly.com/go/n4PJO4Ti>).

## EDUCATION

### Bachelor of Technology (B.Tech) - Computer Science & Engineering

09/2023 – 09/2027

*Parul University*