

Bilal Malik

Frontend Engineer

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PROFESSIONAL EXPERIENCE

Frontend Developer (Open Source), Self-directed

2026 - Present | Remote

- Built and deployed **30+ open-source projects** since 2026, most live on Vercel, from developer tools to full product builds
- Released **keebkit** as a shadcn registry component and **spin-component**, a zero-config React CLI tested with Vitest
- Integrated **REST APIs** (TMDB, GitHub) into React and vanilla JS apps; set up Supabase and **GitHub Actions CI**

Web Development Intern, Oasis Infobyte (OIBSIP)

Jun 2026 - Jul 2026 | Remote, Part-time

- Completed **all three internship levels** on schedule, shipping **7 responsive web applications**, from static landing pages in vanilla HTML/CSS/JS to interactive interfaces built with React and Tailwind CSS
- Built a full client-side **authentication system** from scratch using the Web Crypto API (SHA-256 password hashing), handling registration, login, session, and logout without a backend or auth library
- Handled the **full build cycle independently**, from reading task briefs and structuring layouts to writing the logic, testing edge cases, and deploying each project live

PROJECTS

Pinnet-vscode, Published VS Code Extension

[View \(Pinnet\)](#) | [GitHub \(Pinnet\)](#)

Pins notes and reusable snippets to exact lines of code, built with TypeScript and the VS Code API.

- Published on the **Visual Studio Marketplace**; fills the gap between comment-only notes and unlinked snippets
- Lets developers **jump to a pin** or insert its snippet anywhere in the project instantly

Keebkit, React Keyboard Component

[View \(Keebkit\)](#) | [GitHub \(Keebkit\)](#)

On-screen keyboard with haptics and mechanical click sounds, built with React, TypeScript, and Tailwind CSS.

- Shipped as a real **shadcn registry** item, so any project can install it with a single command
- **6 colorways** and **3 layouts** (QWERTY, AZERTY, Dvorak) for keyboard, mouse, and touch, plus a typing test

Metaviewer, Link Preview & Meta Tag Analyzer

[View \(Metaviewer\)](#) | [GitHub \(Metaviewer\)](#)

Free, open-source link preview and meta tag analyzer built with Next.js and Cheerio, no signup or database.

- Previews how a URL renders on **9 platforms** and scores pages **0-100** with real image dimensions and copy-paste fixes
- Scored **100** in Performance, Best Practices, and SEO on Lighthouse (desktop)

Palettesnap, Color Palette Discovery

[View \(Palettesnap\)](#) | [GitHub \(Palettesnap\)](#)

No-login tool to browse, like, and publish four-color palettes, built with React, Zustand, and Supabase.

- Launched on **Product Hunt**: 10 upvotes and positive feedback so far, all organic
- Scored **97** in Performance and **100** in Best Practices on Lighthouse (desktop), plus **GitHub Actions CI**

SKILLS

Programming Languages - *Proficient* (JavaScript ES6+, TypeScript, HTML5, CSS3)

Frameworks - *Proficient* (React, Next.js, Tailwind CSS, Zustand, Framer Motion), *Intermediate* (Radix UI)

Tools & Platforms - Git, GitHub, GitHub Actions (CI/CD), Vite, Vercel, Supabase, Vitest, Node.js, Figma, PWA

Practices & Concepts - Responsive design, state management, REST API integration, unit testing, Lighthouse optimization

EDUCATION

ICS (Intermediate in Computer Science) | A+

Mar 2024 - Feb 2026 | Punjab, Pakistan

Punjab Group of Colleges

LANGUAGES

English | Urdu

INTERESTS

Games, Music, Cricket, Movies, Novels, Comics