

Fahad Ibrahim

Junior Developer · QA · Technical Support — React · TypeScript

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◆ SUMMARY

Junior developer with a Computer Science & Engineering background (AUST) and a year as a Junior Developer at GreenTech BD, now building and shipping my own React/TypeScript projects under Hope Theory. I write tests (Vitest, Playwright), set up CI and deploy to Vercel and Firebase; projects include an e-commerce app with 117 tests and 87% coverage, and a grocery PWA designed for a 1,700-family residential complex (pilot target). Years of community admin and player support as Head Admin of RGC Asia. Fluent English, native Bengali, 90–100 WPM typing.

5 LIVE PROJECTS	117 ROLLON TESTS	87% COVERAGE	148 TOURNAMENTS HOSTED
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◆ EXPERIENCE

Independent Developer & Founder | Hope Theory

2023 – Present

- **BugSmasher:** React 19 + TypeScript + Firebase arcade game — auth, XP, 16 achievements, server-authoritative real-time leaderboards with one-time session tokens. Tests and CI tracked in repo STATUS.md; offline-first PWA.
- **RollON:** e-commerce app — catalog, cart, variants, checkout, admin dashboard. 117 tests (unit + Playwright E2E), 87% coverage, WCAG 2.1 AA, CSP-hardened, GitHub Actions CI green.
- **JG Mart:** hyperlocal grocery PWA designed for a 1,700-family complex (pilot target) — WhatsApp-native ordering, bilingual UI, 82 products, order tracking, operator dispatch. Vanilla JS, service-worker cached.
- **EMBERFALL** and **Nix:** browser games built and deployed solo (links below).
- Handle each project end to end: planning, implementation, testing, CI and deployment (Vercel / Firebase Hosting / GitHub Pages).

Independent Trading & Mining | Self-Employed

Nov 2021 – 2023

- Built and ran a 6× RTX 3060 Ti Ethereum mining rig on 2 PSUs from Nov 2021 until the Merge (Sept 2022): hardware assembly, power, thermals, OS/miner setup and uptime monitoring. Independent trading after the Merge.

Junior Developer | GreenTech BD

Dec 2020 – Nov 2021

Head Admin | Ranked Gaming Client (RGC) Asia — Dota 1

pre-2015

- Hosted and administered 148 online Dota tournaments; community moderation and player support.

Competitive Player (Dota / CS) | Bangladesh

2007 – ~2014

- Played for several well-known Bangladeshi teams, later the clan mYm.

◆ **PORTFOLIO**

- **EMBERFALL** — live: emberfall-game-two.vercel.app · source: github.com/FahadIbrahim93/emberfall
- **BugSmasher** — live: bugsmasher-hopetheory.vercel.app · React 19, Firebase, Canvas 2D, PWA
- **ROLLON** — live: rollon-delta.vercel.app · React 19, TypeScript, Tailwind, Zustand, Playwright
- **JG Mart** — live: jg-mart.vercel.app · Vanilla JS PWA, Supabase, WhatsApp ordering
- **Nix — Timeline Dodge** — live: viral-pet-nix.vercel.app · vanilla single-file HTML/Canvas game, 0 dependencies (not React)

◆ **SKILLS**

Frontend

Component-based UI in strict TypeScript, with responsive layouts and motion.

React 19

TypeScript

Tailwind

GSAP

Vite

AI Tooling

AI-assisted coding, always reviewed and tested before shipping.

Claude Code

Backend & Data

Auth, APIs and real-time data with Supabase and Firebase.

Supabase

Firebase

Node.js

REST

Zustand

Interactive & Canvas

Browser games with Canvas 2D and WebAudio; offline-first PWAs.

Canvas 2D

WebAudio

PWA

QA & Testing

Unit and end-to-end tests, CI checks and accessibility review on my own projects.

Vitest

Playwright

CI

WCAG 2.1 AA

Support & Communication

Community moderation, player support and PC hardware troubleshooting.

English (fluent)

Bengali (native)

90–100 WPM

◆ **EDUCATION**

Computer Science & Engineering — Ahsanullah University of Science and Technology (AUST), 2012–2017 · 162 of 168 credits completed