

Kartik Bhardwaj

[Github](#) — [LinkedIn](#) — [Portfolio](#) — Jaipur, India

Technical Skills

Languages: Java [Intermediate], Python [Advanced], C++ [Intermediate], JavaScript (ES6+) [Basic]

Frontend: HTML5, CSS3, Tailwind CSS, React.js, Framer Motion

Backend: Node.js, Express.js, RESTful APIs, JWT Authentication, WebSockets, GraphQL (Basics)

Databases: MongoDB, MySQL, PostgreSQL, Redis

Tools & Platforms: Git, GitHub, Docker, Firebase, AWS S3, Vercel, Netlify, Postman, Jest, React Testing Library, CI/CD pipelines, Google OAuth 2.0, Email OTP Authentication, Cloud Deployment (AWS, Heroku), Debugging Tools

Personal Statement

Full-stack (MERN) developer with expertise in **JavaScript (ES6+)**, **React.js**, **Node.js**, **Express.js** and **MongoDB**. Experienced with secure authentication (**JWT**, **Google OAuth**, **Email OTP**) and production deployments on **Vercel** / **Firebase**. Delivered **BookHive** — architected APIs and search (handled **1,000+ reviews**), cut latency and boosted engagement; contributed merged PRs to **Idurar ERP** and **Mumble** to strengthen stability and CI/CD. Seeking an internship to apply backend engineering and **API design** skills while deepening knowledge in **scalable architectures**, **cloud deployment**, and performance optimization.

Projects

BookHive — Full-Stack (Capstone)

Apr 2025 – Jun 2025

[GitHub Repo](#) — [Deployed Link](#)

- Architected MERN book-review platform supporting **1,000+ reviews** and **200+ active users**.
- Implemented JWT, Google OAuth and Email OTP with encrypted refresh tokens — simplified login flow by **30%**.
- Scaled REST APIs (Node.js + Express) with role-based access and rate limiting — cut peak-hour latency by **25%** and optimized search accuracy by **40%** (avg search **300 ms**).

StickerHub — Social Sticker Platform

Feb 2025 – Mar 2025

[GitHub Repo](#) — [Deployed Link](#)

- Launched community platform for uploads, voting and leaderboards; supported **150+** submissions in month 1.
- Engineered server-side voting with validation and rate limits — blocked spam and boosted engagement by **25%**.
- Implemented ETag caching and client optimizations — shortened reload times by **40%** and increased retention by **20%**.

Portfolio Website — Frontend

Feb 2025 – Mar 2025

[GitHub Repo](#) — [Deployed Link](#)

- Built a responsive portfolio (React 18, TailwindCSS, Framer Motion); achieved **95+ Lighthouse**.
- Implemented a serverless EmailJS contact workflow with validation — eliminated backend mail maintenance and increased message reliability by **30%**.
- Added interactive showcases (Certificate Book, modal, mouse follower) to increase session depth and project discoverability.

Education

JECRC University

Aug 2024 – May 2028

Kalvium UG program in CS (Software Product Engineering)

Extracurriculars

Idurar ERP CRM — Open Source Contributor

May 2025 – Jun 2025

- Streamlined data handling and UI consistency across the ERP interface, benefiting **1,000+** users.
- Strengthened code quality and CI/CD processes — cut rollback incidents and reduced manual intervention.
- Proof of work: [PR Link](#)

Mumble — Open Source Contributor

May 2025 – Jun 2025

- Strengthened documentation and UI reliability, cutting client-side input issues and support requests by **20%**.
- Delivered frontend optimizations that minimized regression incidents and accelerated developer onboarding.

- Proof of work: [PR Link](#)

1-Day Hackathon — Team Lead (LegalHai)

Mar 2025

- Led a 24-hour sprint to deliver a high-fidelity **Figma** prototype and defined API contracts for implementation.
- Translated user flows into interactive screens and prepared developer handoff assets — accelerated handoff and reduced ambiguity.
- Proof of work: [Certificate](#) — [Figma](#) — [LegalHai](#)

Google AI Workshop — Participant (Gemini Tools)

May 2025

- Completed hands-on training with **Gemini APIs**, **RAG**, and **prompt engineering**; practiced responsible AI methods.
- Built **5** reusable prompt templates and lightweight automation to speed lecture summarization and question generation.
- Proof of work: [Certificate](#)

Certificates (Aug 2025)

- Completed professional certifications in: **JavaScript for Beginners**, **Python Programming Bootcamp**, **Master Java Visually**, **Git Command Line for Beginners**, **React JS Bootcamp**, **The Complete Full-Stack Web Development Bootcamp**.
- Proof of work (all certificates): [Google Drive Folder](#)