

BR ABHISHEK

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OBJECTIVE

Full-stack developer with hands-on experience in React, Node.js, and Web3. Proficient in deploying scalable cloud-native apps using AWS, Docker, and modern DevOps practices. Passionate about building reliable systems, clean architecture, and impactful open-source tools.

SKILLS

Languages: JavaScript, TypeScript, Python, C, Java, Solidity
Frontend: React.js, Next.js, Tailwind CSS, HTML, CSS
Backend: Node.js, Express.js, Supabase, REST APIs, WebSockets
DevOps: AWS (EC2, S3, SQS), Docker, GitHub Actions, Vercel
Blockchain: Solidity, Hardhat, Ethers.js, Web3.js
Databases: PostgreSQL, MongoDB, MySQL
Tools: Git, GitHub, Postman, VS Code, Linux

PROJECTS

Deployr — Frontend Deployment Platform

[\(Live Demo\)](#) [\(GitHub Repo\)](#)

- Built a Vercel-like deployment platform using a **microservices-based system** that syncs GitHub repos, orchestrates container builds, and logs deployment progress.
- Spawned isolated build containers from within an existing container using **Dockerode** for programmatic container management.
- Implemented real-time build logs using **WebSockets** for streaming logs to the frontend during deployment.
- Used **Cloudflare R2** for static file hosting and **PostgreSQL (via Prisma)** to store deployment metadata.
- Handled background task queues using **Redis Pub/Sub** for coordinating multi-step deploy workflows.
- Tech Stack: **Next.js, Node.js, Nextauth, Docker, PostgreSQL, Redis, Cloudflare R2, WebSockets.**

DecenTrack — Decentralized Uptime Monitoring System

[\(Live Demo\)](#) [\(GitHub Repo\)](#)

- Built a decentralized system where global validators check website availability using **WebSockets**.
- Logged uptime data on the Ethereum blockchain using a **custom Solidity smart contract**, ensuring immutability and transparency.
- Developed a secure dashboard for site owners to view live uptime logs and receive real-time **downtime alerts**.
- Implemented on-chain validator rewards and payout mechanisms using **Hardhat** and **Ethers.js**.
- Tech Stack: **Solidity, Hardhat, Clerk, Next.js, Ethers.js, WebSockets.**

MindWell — Personal Knowledge Manager

[\(Live Demo\)](#) [\(GitHub Repo\)](#)

- Built a second-brain platform to save and organize thoughts, websites, and media with **multi-level folders** and taggable structure.
- Developed a **Chrome extension** to capture active tab URLs and sync them instantly to the dashboard.
- Rendered smart embeds for **YouTube, Twitter, Instagram**, and custom sites using URL-type detection.
- Handled both frontend and backend within **Next.js** using API routes, integrated with **MongoDB, Nextauth**, and styled via **Shadcn + Tailwind**.

EDUCATION

Bachelor of Engineering in Computer Science
KLE Technological University, Hubli

2022 – Present
CGPA: 8.40