BR ABHISHEK

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OBJECTIVE

Full-stack developer with real-world experience in React, Node.js, and Web3. Skilled in deploying scalable apps on AWS using Docker and modern DevOps workflows. Comfortable integrating AI tools when needed, with a growing interest in LLMs and agentic systems. Passionate about clean architecture, end-to-end ownership, and building fast-moving, impactful products.

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
Cloud + Infra:	AWS (EC2, S3, SQS), Docker, GitHub Actions, Vercel
AI / LLM Tooling::	OpenAI API, LangChain, Pinecone, Vector Embeddings
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.
- Built full-stack app with **Next.js API routes**, integrated **MongoDB**, **Nextauth**, and styled via **Shadcn + Tailwind**.

EDUCATION

Bachelor of Engineering in Computer Science   2022 – Present
KLE Technological University, Hubli   CGPA: 8.40