

Abdulla Hill Baky

Kolkata, India • +91-7548047426 • ahillbaky@zohomail.in • linkedin.com/in/ahbaky • ahbdesk.space

Software Engineer

Backend-focused Software Engineer with 2+ years of freelance experience building and deploying scalable web applications in the JavaScript ecosystem. Skilled in Node.js, PostgreSQL, REST APIs, Docker, CI/CD, and modern frontend frameworks. Looking to bring production grade freelance experience into a team environment and contribute to larger-scale systems.

WORK EXPERIENCE

Software Engineer

Freelance / Independent Projects

Dec 2023 - Present

- Built and deployed full-stack web applications end-to-end for clients, handling backend architecture with Node.js, REST APIs, and PostgreSQL, and deploying on VPS/cloud infrastructure with Docker and CI/CD pipelines.
- Managed complete project lifecycles independently from requirements gathering and system design to implementation, testing, and production deployment.
- Integrated third-party services including payment gateways, object storage, and authentication systems into client-facing applications.

SKILLS

Backend Development: Node.js, JavaScript, TypeScript, Express.js, Hono.js, REST API Design, GraphQL, WebSockets

Database Technologies: PostgreSQL, NoSQL, Schema Design, Query Optimization, Indexing, Migrations, ORM

Web & Frontend: HTML, CSS, JavaScript, React.js, Next.js, Svelte.js, Tailwind

Cloud, DevOps & Tooling: Linux, Bash, Docker, CI/CD, AWS, GCP, Load Balancing (Nginx, Traefik)

Familiar / Learning: React Native, Go, Ansible

PROJECTS

FlowWeek – Weekly Productivity & Task Management App

Live: <https://flowweek.ahbdesk.space> | Code: <https://github.com/hillbyte/weekflow>

Tech Stack: **Svelte.js, Vite, Hono.js, Node.js, PostgreSQL, Drizzle ORM, Stripe**

- Built a full-stack productivity SaaS application for weekly task planning and time management with a distraction-free interface using Svelte.js and Node.js.
- Designed RESTful backend APIs with Hono.js and PostgreSQL via Drizzle ORM for type-safe schema management, migrations, and efficient querying.
- Integrated Stripe payments and deployed the app using containerization and CI/CD principles to ensure consistent, reliable updates.

NotesMD – Markdown Note Taking Application

Live: <https://notesmd.ahbdesk.space>

Tech Stack: **Svelte.js, Go, Gin, PostgreSQL**

- Built a full-stack markdown note taking app with secure user authentication, enabling users to create, edit and manage notes through a clean, responsive interface.
- Implemented a RESTful backend using Go and Gin with PostgreSQL for persistent data storage and designed a seamless user experience from registration to note editing.

Bucket Client – S3-Compatible Object Storage Web Client

Live: <https://bucketclient.vercel.app> | Code: <https://github.com/hillbyte/bucket-client>

Tech Stack: **Svelte.js, S3 / S3-compatible storage, JavaScript**

- Built a modern S3-compatible web client with Svelte.js for intuitive file management, including upload, download, listing, and deletion via secure S3 API integration.
- Designed a responsive, user-friendly UI with clear navigation and robust error handling to make object storage operations accessible to non-technical users.

EDUCATION

Bachelor of Technology in Computer Science & Engineering

Aliah University • Kolkata, India

Jan 2015 - Aug 2019

CERTIFICATIONS

Y Combinator Working as a Software Engineer at a Start Up Job Simulation on Forage

Datacom Software Development Job Simulation on Forage