

Abdulla Hill Baky

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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. Seeking Backend / Software Engineer role where I can contribute to production-grade systems and grow with a team.

WORK EXPERIENCE

Software Developer Independent Consultant

Dec 2023 - Present

- Designed, developed, and maintained web applications for 5+ clients, implementing scalable backend services and REST APIs and integrating user interfaces using modern JavaScript frameworks.
- Managed the full development and deployment lifecycle, including Git-based version control, continuous integration, automated testing, containerization, and cloud/VPS infrastructure provisioning.
- Built and integrated RESTful APIs with PostgreSQL and MongoDB to support core workflows, authentication, and data management, ensuring smooth and reliable releases.

SKILLS

Backend Development: Node.js, JavaScript, TypeScript, Express.js, Hono.js, REST API Design, GraphQL, WebSockets, API Gateway, Event-Driven Architecture, Technical Documentation, API Documentation

Database Technologies: PostgreSQL, MongoDB, NoSQL, Schema Design, Query Optimization, Indexing, Migrations, ORM, Data Modeling and Integrity Constraints

Web & Frontend: JavaScript, Next.js, React.js, Svelte.js, HTML, CSS, Tailwind, SPA Development, Payment integration

Cloud, DevOps & Tooling: Linux, Bash, Docker, CI/CD, AWS, GCP, Containerization, API testing tools, Load Balancing (Nginx, Traefik), Caching Strategies

Familiar / Learning: React Native, Ruby on Rails, Go, Ansible, Kubernetes, Terraform, C

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, 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.

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