

Sai Rajesh Bende

Maharashtra, India | saibende.in | bendesai5703@gmail.com | www.linkedin.com/in/saibende | +91 8975555385

Career Objective : I'm a dedicated and passionate full stack developer with a love for problem-solving and innovation. With a strong foundation in various programming languages and frameworks, I strive to create websites that not only functions efficiently but also drives progress in the tech industry. I believe in the power of collaboration and I am always eager to learn and grow. In my spare time, I enjoy exploring the latest tech trends and contributing to open-source projects. I'm excited to connect with like-minded individuals and look forward to the opportunities and challenges that lay ahead in my software development career.

Skills

- Programming Language: JavaScript, Java, Object Oriented Programming.
- Frontend Technologies : React Js, Next js ,HTML, CSS, Tailwind CSS.
- Backend Technologies : Node Js., Express js, REST full API Design.
- Database Technologies : Postgres SQL , Mongo DB.,
- Software Development: Git & GitHub, Agile Methodology , Docker, Vercel, Cloud Computing, AWS.
- Soft Skills: Problem Solving, Collaboration & Teamwork, Eagerness to Learn

Experience

Full Stack Developer

Lumantara Ltd — [HangukVerse](#) Platform (Remote)

15-11-2025 to 15-04-2026

Description:

Owned and shipped major production features for HangukVerse, a full-stack Korean culture community and live-streaming platform. Worked across frontend, backend, database design, payments, live concerts, real-time chat, cloud storage, admin dashboards, security, and DevOps using Next.js, TypeScript, Node.js, Express, Supabase PostgreSQL/Auth, Stripe, Agora RTC, AWS IVS, AWS S3, CloudFront, Vercel, Railway, and CI/CD pipelines.

Key Contributions:

- Developed and maintained a production-scale platform with 110+ Next.js pages, 250+ backend API route handlers, and a 69-table Supabase PostgreSQL schema.
- Built core community features including communities, posts, comments, nested replies, voting, trending feeds, content-linked discussions, post reports, moderation flows, and media posts.
- Implemented real-time chat using Supabase Realtime, including direct/group chat rooms, persistent messages, online presence, typing indicators, message broadcasts, and last-seen tracking.
- Built a live concert system using Agora RTC + AWS IVS/HLS, supporting host, co-host, and attendee roles.
- Implemented secure Agora RTC token generation, unique per-user Agora UUIDs, token renewal, 2-hour token expiry, channel-based concert rooms, and participant session tracking.
- Added live concert features including screen sharing, live chat, emoji reactions, raised-hand flow, attendee mic permission, stage controls, spotlight/pinning, participant list, and unread chat count.
- Integrated AWS IVS and HLS.js for scalable concert audience playback, with admin-only stream key access, HLS buffering states, retry handling, live-edge sync, autoplay fallback, and stream-ended detection.
- Designed concert scalability with configurable max_attendees, Agora for interactive users, and AWS IVS/HLS CDN playback for larger passive audiences.
- Integrated Stripe subscriptions with checkout, billing portal, pricing APIs, upgrades, cancellation, webhook signature validation, invoice idempotency, refund handling, dispute handling, and subscription expiry cleanup.
- Built Free, Premium, and VIP plan-based feature limits for posts, comments, votes, uploads, chat messages, reading lists, reviews, follows, meetups, and community actions.
- Developed admin dashboards for managing users, subscriptions, content, blogs, communities, webtoon books, surveys, events, concerts, notifications, post reports, account deletion requests, support tickets, and assigned user cards.
- Built content management features for K-pop, K-drama, Korean Kitchen, Webtoon, Magazine/Blogs, Events, Meetups, Merchandise, Nearby Fans, My Collections, and Live Concerts.
- Implemented webtoon features including book listings, genre management, PDF reading, reviews, favorites, reading lists, continue-reading progress, and admin book CRUD.
- Built location-based discovery with nearby fans, global users, ghost mode, location sync, radius filtering, and map-based fan discovery.
- Integrated AWS S3 and CloudFront for image, video, PDF, and document uploads with UUID file keys, MIME handling, upload limits, delete support, and media cleanup on post update/delete.

- Built notification workflows for follows, follow requests, accepted requests, likes, comments, replies, mentions, messages, system alerts, and admin broadcasts.
- Optimized notification delivery with duplicate prevention, comment notification rate limiting, paginated user fetching, and batch broadcast inserts in chunks of 500 users.
- Implemented meetups with online/offline/hybrid modes, search, registration, going/maybe status, registration counts, max attendee validation, and public detail pages.
- Built survey management with active survey selection, question/option CRUD, one-response-per-user protection, result calculation, and admin survey controls.
- Added operational workflows including health checks, account deactivation/reactivation, account deletion queues, support tickets, welcome emails, password reset emails, referral tracking, and subscription cleanup cron jobs.
- Improved production security with Helmet, CORS, JWT middleware, admin RBAC, request-size limits, DDoS filtering, upload validation, webhook validation, and multi-tier API rate limiting.
- Deployed and maintained the platform across Vercel, Railway, Supabase, AWS S3, CloudFront, and AWS IVS, with CI/CD-oriented production workflows.

Full Stack Developer Intern

Lumantara Ltd — [HangukVerse](#) Platform (Remote)

15-09-2025 to 15-11-2025(2 months)

Description :

Worked as a Full Stack Developer Intern on HangukVerse, a Korean culture community platform built with Next.js, TypeScript, Node.js, Express, Supabase PostgreSQL/Auth, Tailwind CSS, React Query, AWS, Stripe, and Vercel. Contributed to frontend development, backend APIs, authentication flows, database integration, admin pages, community features, and production debugging.

Key Contributions:

- Developed responsive frontend pages and reusable UI components using Next.js, React, TypeScript, Tailwind CSS, and shadcn/Radix UI.
- Built and integrated backend APIs using Node.js, Express, Supabase, and PostgreSQL for profiles, communities, posts, comments, uploads, and content workflows.
- Implemented authenticated user flows including login, profile management, protected routes, account settings, and Supabase session handling.
- Integrated frontend API hooks with React Query for caching, loading states, API mutations, and data synchronization.
- Assisted with admin dashboard screens for managing content, users, reports, communities, and platform data.
- Worked on media upload flows using AWS S3 and backend upload validation.
- Supported bug fixing, deployment checks, database updates, API testing, and production-readiness improvements.
- Collaborated across the full stack, gaining hands-on experience with cloud deployment, authentication, REST APIs, PostgreSQL schemas, and user-facing product features..

Web Development and Design Intern

Ministry of Housing and Urban Affairs, TULIP(The Urban Learning Internship Program) 07-05-2024 to 08-07-2024

- **Project:** Contributed to the Business Requirements Document for the SEP DAY-NULM project.
- **Key Responsibilities:**
 - Participated in the research, design, and fieldwork related to web development and design IT.
 - Assisted in the creation and refinement of user interfaces, software interfaces, and communication protocols.
 - Collaborated with a team to define system features, functional requirements, and use cases.
 - Ensured compliance with design and implementation constraints.
 - Documented operating environments, user classes and characteristics, and non-functional requirements, including performance and security specifications.

Projects

- **Project Hub – Effortless Project & Team Management System**
visit:<https://github.com/SaiBende/Project-Hub> | Live : <https://project-hub.saibende.dev>
 - **Description:**

- Developed a comprehensive web-based project management platform to streamline team collaboration, task tracking, and project analytics. The application supports secure user authentication, role-based access, and real-time updates, providing an intuitive interface for managing projects, tasks, and team members.
 - **Key Contributions:**
 - Designed and implemented responsive front-end interfaces using React, TypeScript, and Tailwind CSS.
 - Developed RESTful APIs with Node.js, Express, and MongoDB for robust backend functionality.
 - Integrated authentication and role-based access control for secure user management.
 - Built features for project creation, task assignment, Kanban boards, calendar views, and analytics dashboards.
 - Utilized React Query for efficient data fetching and Zod for schema validation.
 - Ensured code modularity, scalability, and maintainability following best practices.
- **URL Manager Web Application**
 visit: https://github.com/SaiBende/URL_Shortner | Live : sggs.me
 - **Description:**
 - Developed a URL management platform with features like customizable URL shortening, Linktree-style link aggregation, QR code generation, user analytics, and Ongoing development includes subscription-based services (Basic, Standard, Premium) and Enabled monetization through embedded ads. Built using **React.js, Tailwind CSS, Node.js, Express.js, MongoDB, and Cloudinary**, and deployed on **Vercel**.
 - **Key Contributions:**
 - Designed responsive UI and implemented user authentication.
 - Developed dashboards for link tracking and analytics.
 - Integrated customizable QR codes and branded Linktree pages.
 - Ongoing development includes Enabled monetization through embedded ads and tiered subscriptions.

EDUCATION

Shri Guru Gobind Singhji Institute of Engineering and Technology (SGGSJET), Nanded, India	2021-2025
B. Tech in Information Technology completed 7.75 (out of 10)	
Netaji Subash Chandra Bose College , Nanded , India	2020-2021
HSC 92.5 %	
Rajarshi Shahu Vidyalyaya , Nanded , India	2018-2019
SSC 89 %	

CERTIFICATES

- **Meta Front-End Developer Professional Certificate**
- **The Complete Full-Stack Web Development Bootcamp**
- **AWS Training & Certification Completion Certificate AWS Cloud Practitioner Essentials Completed: July 12, 2025**
 (all certificates are on saibende.dev)