Saswata Bhunia

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SUMMARY

Full-stack developer with 2 years of hands-on experience in the MERN stack. Proficient in both frontend and backend development, with additional expertise in DevOps and cloud solutions. Enthusiastic about technology and driven to explore new advancements. Seeking opportunities to contribute and grow within a dynamic team.

SKILLS

Frontend: React, Redux, NextJs, Typescript, Framer Motion, MUI, TailwindCSS, ThreeJs

Backend: NodeJs, Express, MongoDB, Redis, Postgres, SQL, Web Socket, BullMQ, OAuth, JWT, REST API, LangChain, OpenAI, Claude, Pinecone, Golang, Go-Chi, gRPC, Python

DevOps & Cloud: Docker, Kubernetes, CI/CD, AWS Lambda, EC2, ECS, S3, SQS

EXPERIENCE

Software Developer | Outgrow.co
SEP 2022 - Present, Jalandhar, Punjab

- Led the development of omniengage.co and chatbotbuilder.net, creating both platforms from the ground up, including all backend systems, API structure, and database schemas.
- Created a platform for generating RAG-based bots with support for website and document data sources, utilizing OpenAI and Claude models for enhanced data retrieval and response generation.
- Implemented Single Sign-On (SSO) authentication using OAuth (PKCE) for Google and Facebook.
- Created a node-based drag-and-drop workflow builder with touch support and ARIA compatibility for enhanced accessibility.
- Developed a subscription-based payment system utilizing ZOHO Subscription, incorporating features for coupon management and add-ons.
- Developed a browser extensions compatible with Google Chrome, Firefox, and Safari.
- Built multiple AWS Lambda services using AWS CDK to optimize backend load distribution and execute scheduled operations.
- Utilized Redis to minimize database queries and implemented features for rate limiting and IP blacklisting.
- Managed deployment and maintenance of infrastructure, including writing CI/CD pipelines for continuous development.
- Set up development and build tooling to enhance Developer Experience (DX) and reduce build times.
- Integrated various third-party tools such as Zapier, Make.com, Twilio, Intercom, Zendesk and Gmail to extend functionality and automation capabilities.

EDUCATION

B.Tech in Computer Science | Lovely Professional University
2018 - 2022, Jalandhar, Punjab

PROJECTS

RSS Aggregator | 🐙

- An RSS Aggregator that offers user account management, secure API-based authentication, RSS feed creation and subscription, and post aggregation for a seamless and intuitive reading experience.
- Tech Stack: Golang, Go-chi, Postgres, REST API

Email Client | 🐙

- A unified email client that consolidates multiple accounts (Gmail, Outlook) into one interface, enabling seamless access, management, and sending of emails, with a responsive user interface for optimal display and interaction across devices.
- Tech Stack: NextJs, shadcn/ui, Redis