Saswata Bhunia

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SUMMARY

Full-stack developer with 2 years of experience in the MERN stack, building web platforms, APIs, and backend systems. Also experienced in DevOps, handling CI/CD pipelines and cloud deployments.

SKILLS

Frontend: React, Redux, NextJs, Svelte, Typescript, Framer Motion, MUI, TailwindCSS, Vite, Vitest

Backend: NodeJs, Express, MongoDB, Redis, PostgreSQL, Web Socket, BullMQ, OAuth, JWT, REST API, Pinecone, Golang, Go-Chi, gRPC

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

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 structures, and database schemas.
- Built a no-code platform for AI agents, enabling users to create customized agents with tailored datasets for audience targeting, lead collection, customer management, and automation.
- Worked with large language models, such as OpenAI, Claude, and Google Gemini, integrated with LangChain to handle Retrieval-Augmented Generation (RAG) workflows, and utilized vector databases like Pinecone to optimize data retrieval and processing.
- Implemented Single Sign-On (SSO) authentication using OAuth (PKCE) for Google and Facebook.
- Built multiple AWS Lambda services using AWS CDK to optimize backend load distribution and execute scheduled operations.
- Built a cross-browser extension to integrate LinkedIn, enabling data extraction and seamless functionality with our platform.
- Implemented Redis as a caching solution for database queries, leading to a 30% decrease in the number of queries to the database.
- 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 reduced build time by 80%.
- Integrated third-party tools such as Zapier, Gmail, Twilio, WhatsApp Business, Intercom, Zendesk and Salesforce to extend functionality and automation capabilities.

EDUCATION

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

PROJECTS

RSS Feed Aggregator | ⦿

- An RSS feed aggregator that allows users to create and subscribe to RSS feeds, with account management and secure API-based authentication, providing automatic feed updates.
- Tech Stack: Golang, Go-chi, Postgres

Email Client | ⦿

- An email client that integrates multiple email accounts, such as Gmail and Outlook, into a single interface, allowing for effortless email access and management with a responsive user interface.
- Tech Stack: NextJs, shadcn/ui, Redis