

# 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, MUI, TailwindCSS, Jest, Vite

**Backend:** NodeJs, Express, MongoDB, Redis, Postgres, Pinecone, Golang, Go-Chi, gRPC

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

## EXPERIENCE

**Software Developer** | Outgrow.co - Jalandhar, PB Sep 2022 - Present

- 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

## 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