



# Saswata Bhunia

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## 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, Pinecone, Golang, Go-Chi, gRPC, Python

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

## EXPERIENCE

**Software Developer** | Outgrow.co

SEP 2022 - Present, Jalandhar, Punjab

- Built a live chat interface using OpenAI, tailored with custom knowledge from website scraping data and uploaded documents and made available across various platforms including WhatsApp Business, Facebook Messenger, and web page embedding.
- Created a workflow generation tool using OpenAI to automate the creation of marketing workflows, integrating CRM data, LinkedIn, and public domain information to effectively promote products to potential customers.
- 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 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 black-listing.
- 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, 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