

MAYANK BHAGYAWANI

Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack Engineer with 4+ years of experience specializing in scalable frontend architecture and SaaS platforms. Strong expertise in React, Next.js, TypeScript, and modern UI systems, with solid backend experience in Node.js, GraphQL, PostgreSQL, and AWS. Experienced in building GenAI-driven workflows and leveraging AI-assisted development to improve productivity, optimize performance, and deliver high-quality production systems with business impact.

Also serve as a faculty at The Art of Living, conducting sessions on breathing techniques and meditation, demonstrating strong communication and people skills.

TECHNICAL SKILLS

Programming: JavaScript (ES6+), TypeScript, SQL

Frontend: React.js, Next.js, Material UI, Apollo Client

Backend: Node.js, NestJS, GraphQL, REST APIs, Postgraphile

Databases: PostgreSQL, DynamoDB, AWS RDS, S3

Cloud: AWS (Lambda, ECS, Cognito, KMS, Amplify, S3, IAM), CodePipeline, Step Functions, CI/CD

Monitoring: Sentry, Grafana, Kibana

AI: LLM Integration (OpenAI, Claude), Langflow (LLM workflow tool), Vector Embeddings

WORK EXPERIENCE

SysCloud Technologies Pvt Ltd

Software Engineer

Aug 2022 – Present

Hyderabad, India

- Architected and built a company-wide Infra Portal using React, Node.js, GraphQL, and PostgreSQL, enabling engineers to self-manage Lambda and Step Function configurations; eliminated dependency on SRE team and accelerated deployment workflows by 60%.
- Optimized GraphQL data layer using PostgreSQL materialized views and dynamic query functions, enabling efficient data retrieval; reduced GraphQL query latency by 40%.
- Engineered secure authentication and session management using AWS Cognito and JWT, including pre-token generation Lambda for user context enrichment, HTTP-only cookie handling, and KMS-based encryption via reusable Lambda layer; improved application security.
- Built AI-driven workflow with Claude MCP to analyze Sentry errors and auto-create Azure DevOps incidents, reducing monitoring effort from 1 hour to 10 minutes.
- Developed Langflow-based ETA prediction system for SKY chatbot using vector embeddings and similarity-based matching with historical data, improving prediction accuracy by 30%.
- Implemented Google Chat integration for SysCloud SKY, enabling AI-driven backup and restore workflows without app login; built Node.js event-processing service and integrated Langflow workflows on AWS ECS, improving accessibility and driving enterprise feature adoption and revenue growth.
- Migrated front end from CRA to Vite and upgraded Node.js (16 to 20), optimizing CI/CD pipelines and reducing build time by 35%.
- Designed AWS Glue-based ETL pipeline to migrate historical data from PostgreSQL RDS to S3 (Apache Iceberg tables), enabling scalable querying via Athena for large datasets; reduced storage costs by 40%.

Sep 2021 – Jul 2022

Remote, India

Software Engineer Intern

- Built reusable UI component library using React, Material UI, and React Table, adopted across 3 applications to improve UI consistency and accelerate development velocity.
- Packaged and distributed the component library using AWS CodeArtifact with CI/CD via CodePipeline, enabling version-controlled reuse and seamless integration across teams.
- Developed Node.js service on AWS ECS to ingest Sentry errors and power monitoring dashboards via Grafana and Kibana.
- Enhanced observability and debugging workflows, decreasing support issues by 40%.

PERSONAL PROJECTS

Frippy – E-commerce Platform <https://frippy-website.vercel.app/>

2025

Next.js, PostgreSQL, NextAuth, Vercel

- Built full-stack e-commerce platform with server-side rendering, authentication, and end-to-end order lifecycle management.
- Integrated CC Avenue payment gateway, enabling real-time order placement, payment processing, and tracking for live transactions.
- Designed optimized database schema and deployed using Vercel and Neon PostgreSQL, achieving near-zero infrastructure cost with production-ready setup.

Lead Management Automation System <https://github.com/mayank1612/google-sheets-lead-automation>

2025

Make.com, Google Apps Script, Facebook Ads API

- Engineered end-to-end lead management automation system integrating Facebook Ads API, Google Sheets, and Make.com, replacing 2+ years of manual lead processing.
- Implemented scheduled data pipelines, transformation logic, and rule-based lead assignment with automated notifications, saving 60+ hours annually and improving team productivity.

EDUCATION

Lovely Professional University, Punjab

B.Tech in Computer Science and Engineering

2018 – 2022

CGPA: 8.32