

Siddharth Chakraborty

• siddharth.chakraborty06@gmail.com • +91 7415986293 • [LinkedIn](#) • [GitHub](#)

PROFILE SUMMARY

With over 5 years of software engineering experience, I have grown from a backend specialist to a versatile full-stack developer. I have successfully led the development of scalable, system-wide functionalities, ensuring seamless integration with complex workflows. I combine strong technical skills with a focus on clean, efficient code and a deep understanding of system design.

PROFESSIONAL EXPERIENCE

Creliohealth -

Software Developer & Team Mentor

Jun 2022 – Present

Responsible for feature development using Django & React, product scoping and communicating with third parties for requirement gathering.

Noteworthy Contributions:

- **Real-Time Search Data Pipeline (CDC Architecture)** : Built a real-time CDC pipeline leveraging Debezium and Redpanda to capture MySQL binlog events and ingest them into Elasticsearch via ingest pipelines to power a new system wide search service.
- **Centralized Audit Trail System**: Implemented a robust, system-wide audit logging mechanism using Elasticsearch, enabling detailed change tracking (diff checks) for patient data, reports, and configuration changes across the LIMS workflow
- **Infrastructure Cost Optimization**: Led the migration of development environment components (Web Services, MySQL, Redis, and Elasticsearch) from AWS to E2E infrastructure, achieving a 4x cost reduction while maintaining system performance and reliability.
- **ABDM Integration**: Successfully integrated Ayushman Bharat Digital Mission (ABDM) APIs and workflows into the Laboratory Information Management System (LIMS), ensuring full compliance with national digital health standards.
- **Logistics Automation – UPS Integration**: Developed and deployed an automated workflow for UPS shipping, covering shipment creation through label generation, to support a client specializing in at-home diagnostic test kits.

GlobalLogic –

Associate Software Engineer

Mar 2021 – May 2022

Django backend developer for a healthcare domain project with microservices

Noteworthy Contributions:

- **Qualifying life events**: Configurable qualifying life event parameters built into tenant specific services for a seamless workflow.
- **Increasing test coverage**: Increased unit test coverage from 60% to 82%.

PROJECTS

- **Career Alter Ego** - An AI-powered recruiter assistant that acts as a “career alter ego,” enabling recruiters to interactively explore my professional background, projects, and skills via a conversational interface. Deployed using Gradio on Hugging Face Spaces for public access [Try it here!](#)
- **PYPI package git_ai_pr_review**- AI-powered CLI tool that analyzes Git diffs and performs adaptive code reviews using LLMs and AST-based impact analysis.! [pypi link](#)

SKILLS

Python | FastAPI | Django | DRF | Agentic AI | OpenAI Agents | CrewAI | AWS | Docker | Elasticsearch | MySQL | SQL | React | TypeScript | JavaScript | Flask | Git

EDUCATION

B.E.- Computer Science - <i>Gyan Ganga Institute of Technology and Sciences</i> CGPA- 8.39	Aug 2016- Sep 2020
Class XII- CBSE- <i>Kendriya Vidyalaya</i> Percentage - 75.6 %	Mar 2015- Apr 2016
Class X- CBSE- <i>Kendriya Vidyalaya</i> CGPA- 8.4	Mar 2013- Apr 2014