

# Sagar Hedaoo

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## EDUCATION

### Stevens Institute of Technology, Hoboken, NJ

May 2024

Master of Science in Computer Software Engineering

- **Honors:** Merit Graduate Scholarship through exemplary academic performance

### Pune University, India

May 2022

Bachelor of Engineering in Computer Science and Engineering

## SKILLS

- **Programming Languages:** JavaScript / TypeScript, Python, Node.js, Swift, SQL
- **Technologies:** GitHub, Docker, JIRA, Azure, AWS (EC2, S3, RDS, Lambda), Redis, CI/CD, WebSocket, Postman
- **Frameworks & Libraries:** React, Next.js, LangChain, FastAPI, Flask, Tailwind CSS, Shadcn, Express.js, Radix UI, Socket.IO
- **Database:** MongoDB, PostgreSQL, MySQL, Delta Lake (via Databricks), Redis
- **Cloud & Infra:** Azure, GCP, AWS, Databricks (SQL, MLflow, Delta Lake), Unity Catalog

## EXPERIENCE

### Scalata AI, Senior Full Stack / Databricks Engineer

August 2024 – Present

- Architecting and deploying multi-agent AI pipelines for intelligent data ingestion, schema alignment, and anomaly detection, leveraging vector databases, RAG pipelines, and Databricks LLM orchestration
- Building scalable data pipelines using PySpark, Databricks SQL, and Delta Lake to support schema evolution, large-scale transformations, and unified reporting across credit portfolios
- Designing and securing APIs and real-time communication layers with FastAPI, Flask, and WebSocket, integrating OAuth-based auth and session persistence using Azure App Services and MongoDB
- Integrating LangChain, MLflow, and Azure with advanced tracing and model routing mechanisms to optimize agent orchestration and monitoring

### CloudCraft Technologies Pvt Ltd, Software Developer Intern

August 2021 – March 2022

- Developed and deployed 3 web applications using the MERN stack, improving client operational efficiency by 20%
- Utilized AWS S3 for cloud storage, ensuring 99.99% uptime and delivering unit/integration testing with 85% code coverage
- Increased website traffic by 10% through effective SEO optimization

### Oil and Natural Gas Corporation Ltd, Software Analyst Intern

May 2020 – July 2020

- Analyzed business requirements and contributed to SAP module integration across 500+ locations for Project ICE
- Designed test cases, conducted functional testing, and performed data migration and cleansing for ERP integration

## OPEN-SOURCE CONTRIBUTIONS

Implemented a **Scroll to Top** feature in Responsively app, improving navigation efficiency and user engagement [[Link](#)]

Identified and resolved **multiple UI bugs** in Twenty CRM Software. Enhancing stability and user interaction [[Link](#)]

Updated **Radio group component** wrapping it with latest Radix UI component [[Link](#)]

## PROJECTS

### [\[Link\]](#) AI Form Builder

- Developed a SaaS AI Form builder using NextJS, JavaScript, Tailwind CSS, PostgreSQL, and various Web UI Components
- Deployed Google's Gemini 1.5 flash model to fetch responses according to users requests
- Users can take responses, edit forms, delete forms, customize forms and export the responses to Excel

### [\[Link\]](#) Explore-Hub Application

- Developed a travel booking website with FARM (FastAPI, ReactJS, MongoDB) stack, Python, OAuth2.0 and APIs
- Fetched data in server react components by directly accessing database with created API Endpoints
- Implemented Flight Search, Hotel Search, Weather Search, Attraction Search, and payment integration with Stripe

### [\[Link\]](#) Full Stack E-Commerce Web Application

- Architected a robust, end-to-end e-commerce website using JavaScript, NodeJs, ReactJS, NextJS, CSS and MongoDB with user authentication and user privacy
- Employed Amazon S3 to store project images and AWS to support website seamlessly
- Configured Stripe for secure payment processing, resulting in a seamless and reliable payment system

## CERTIFICATIONS

- **Oracle Certified Professional** – Oracle Cloud Infrastructure 2024 Generative AI Certified Professional [2024]
- **AT&T** – Technology Academy 2024 [2024]