

Rohit Midha

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EDUCATION

- **Imperial College London** London, United Kingdom
MSc Computing (Artificial Intelligence and Machine Learning) Sept. 2023 – Sept. 2024
- **SSN College of Engineering, Anna University** Tamil Nadu, India
Bachelor of Engineering in Computer Science and Engineering; GPA: 9.2/10.0 Aug. 2017 – July 2021
University Rank: #10, College Rank: #3

EXPERIENCE

- **Shrimad Rajchandra Mission, Dharampur**
AI Engineer Volunteer December 2022 – Present
 - **Multilingual AI:**
 - * Engineered personalized text-to-speech synthesis models across eight languages, embodying Gurudev's unique vocal essence, thereby broadening access to spiritual wisdom. View Global Launch!
 - * Implemented automation for subtitling and translation processes, resulting in a substantial reduction of upload time from 12 hours to just 3 hours.
- **Goldman Sachs**
Engineering Analyst August 2021 – May 2023
 - **Risk Analysis and Review Engine (RARE):**
 - * By automating archaic workflows, RARE lowers costs and improves the quality and UX of the review process.
 - * Reduced review time by a third, from over 6 hours to 2 hours.
 - * Engineered the backend architecture for the platform using Java micro-services and deployed via Kubernetes.
 - * Designed the Stats and Management Dashboard to provide high-level insights to senior management.
 - * Optimized data flow for calculating Net Cash Outflow across various business hierarchies.
 - * Spearheaded the initiative to onboard onto Snowflake, reducing data access time by 41%.
 - * Defined the SLA and set up a custom Prometheus framework for monitoring the Kubernetes deployments.
 - * Awards: Runner Up, Innovation, Goldman Sachs Awards 2021 and Runner Up, Digital Poster, Goldman Sachs Internal Engineering Conference

ACHIEVEMENTS

- **Runner Up, Goldman Sachs Hackathon:** 2022
- **Rank 2, Transfer Learning for International Crisis Response, DEEP - AICrowd:** Jan 2020
- **Merit Scholarship, SSN College of Engineering:** 2017-18, 2019-20
- **Rank 1, Round 1 - 3, Food Recognition Challenge, Seerave Foundation:** Dec 2019
- **Winner, Indian Sub-Continent, AngelHack Global Virtual Hackathon:** July 2019

PROGRAMMING SKILLS

- **Languages:** Python, C, SQL, Java, JavaScript, HTML, CSS
- **Frameworks and Technologies:** React, NodeJS, Kubernetes, PyTorch, Langchain, HuggingFace, GCP, AWS, Replicate

VOLUNTEERING

- **CodeFemme:** Partnered with over 70 schools in the city to provide best-in-class Python workshops for teachers and class material for high school students.
- **Google:** Organized the Google AI Explore ML Workshop at SSN College of Engineering.
- **Stanford University:** Section Leader for CS106A, offered during COVID-19 pandemic, with 10,000 global students participating from around the world.