

**Rohit Midha**  
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## EDUCATION

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- **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* Aug. 2017 – July 2021  
University Rank: #10, College Rank: #3

## EXPERIENCE

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- **Shrimad Rajchandra Mission, Dharampur**  
*AI Engineer* 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!](#)
  - **Audience Quiz:**
    - \* Designed and implemented a highly scalable quiz application with NextJS + TailwindCSS, seamlessly accommodating an expansive user base of over 10,000 concurrent participants.
    - \* Optimized performance in a resource-constrained ecosystem characterized by a 512kbps internet connection and a singular 8GB quad-core Dell server.
- **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 under 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 key metrics like 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

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- **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

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

## VOLUNTEERING

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- **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 - Code in Place](#), offered during COVID-19 pandemic, with 10,000 global students participating from around the world.