
EDUCATION

MIT SLOAN SCHOOL OF MANAGEMENT

Candidate for MBA, May 2026 – Cambridge, MA, USA

2024 — Present

- Founder of [roomeru](#): a next gen student only housing platform.
- VP of Global Partnerships: MIT Climate Energy Prize 2024.
- MIT Spinout: Thermolytic Materials – commercializing novel pilot stage Methane Pyrolysis tech with MIT Postdoc.

UNIVERSITY OF HULL: SIEMENS GAMESA RESEARCH PARTNERSHIP

MSc. (Hons.) Offshore Wind Energy Engineering – Taipei, TW

2019 — 2022

- Capstone project: A technoeconomic model to incorporate Green Hydrogen with Offshore Wind in Taiwan, resulting in the identification of \$200M in new revenue potential for Siemens Gamesa.

UNIVERSITY OF BIRMINGHAM

B.Eng. (Hons.) Chemical Engineering – Birmingham, UK

2014 — 2019

- Capstone project: A feasibility and design study of a Liquid Air energy storage plant from variable renewable energy.

EXPERIENCE

OPENMINDS INC.

Next Gen Leaders Program – New York City, USA | Remote

Apr 2025 — Jan 2026

- Selected as a NextGen Leader; partnered with Microsoft's Energy & Resources' CTO, Neeraj Joshi to deliver an executive analysis on advanced U.S. nuclear energy deployment and concrete investment and policy levers to unlock deployment.
- Developed a FOAK to NOAK scale up playbook outlining sequencing of demonstrations, supply chain gating and risk reduction milestones that drive bankability.

DATA COLLECTIVE VENTURE CAPITAL (DCVC)

MBA Summer Associate: Climate Fund – Palo Alto, USA

May 2025 — Sep 2025

- Authored an investment thesis on copper supply chain chokepoints and technology opportunities across mining, processing, and recycling, informing DCVC partner discussions with White House officials on U.S. critical minerals strategy for the energy transition.
- Analyzed HALEU/ fuel, supply chain, FOAK execution), delivering partner briefs to inform thesis development and sourcing priorities.

SIEMENS GAMESA RENEWABLE ENERGY

New Market Entry Project Manager – Tokyo, JP | Seoul, SK (Secondment)

Nov 2022 — Sep 2024

- Secured critical market entry service agreements through high-level negotiations with top developers across Japan, Taiwan, and South Korea to expand the company's Offshore Wind market presence by 15%, driving \$1bn in revenue opportunities in key markets.
- Led the strategic feasibility study for Hydrogen integration with Offshore Wind, securing executive buy-in for a \$500M market entry initiative in Japan by demonstrating scalable models from similar markets.
- Delivered a \$1.5M cost-saving by optimizing heat transfer within the nacelle, enhancing operational capacity and enabling Siemens Gamesa to secure a new partnership for a flagship offshore wind project.

New Market Entry Project Engineer - Taipei, TW

Nov 2020 — Sep 2024

- Streamlined project delivery programs, fostered cross-functional collaboration between Engineering, Operations, and Procurement, ensuring timely project delivery for a 10-member team to service the region's first Offshore Wind farm.
- Streamlined maintenance by creating a \$2.3M cost-saving service hub, combining offshore vessel capabilities to enhance capacity across Taiwan's first offshore wind farms.

Renewable Energy Engineering Graduate Program - London, UK

Sep 2019 — Nov 2020

- Drove cross-market initiatives to resolve strategic bottlenecks and align resources with long-term growth, leading to early promotion and expatriate relocation following top performance recognition.

JAGUAR LAND ROVER

Launch Quality Engineer (Internship) - Birmingham, UK

Jun 2017 — Jun 2018

- Redesigned critical quality control checkpoints, boosting defect detection by 25% and reducing rework costs.

ADDITIONAL INFORMATION

INSTITUTION OF MECHANICAL ENGINEERS: RENEWABLE POWER COMMITTEE

Member of the Steering Committee - Global

Jan 2021 — Present

- Advised UK government on offshore wind auction round mechanisms and have consulted on broader renewable energy initiatives and targets.

AWARDS & RECOGNITION: Chartered Engineer (CEng.) | Sainsbury Management Scholar: Royal Academy of Engineers

LANGUAGES: English (Native) | Chinese (Fluent) | Hindi (Fluent) | Gujarati (Fluent) | Urdu (Fluent).