Gaurav Bhattacharya

gauravb11@tamu.edu | 979-933-8032 | linkedin.com/in/gaurav-bhattacharya2

EDUCATION

Texas A&M University, Mays Business School Texas, United States
Master of Business Administration 2023-2025
Master of Science in Analytics 2023-2025

University of Petroleum and Energy Studies, College of Engineering Dehradun, India
Bachelor of Technology in Applied Petroleum Engineering 2013-2017

EXPERIENCE

HALLIBURTON Texas, United States
Product Management MBA Intern May 2024-Aug 2024
- Evaluated North America O&G production market to identify entry points across E2E production value chain
- Developed solution strategy portfolio of 4 opportunities covering all aspects of capital planning and operational assurance, with a combined valuation (total addressable market) of $80M

SHELL Chennai, India
Team Lead Nov 2022 – Jun 2023
- Supervised cross-functional team of 8 to provide O&G data analytics as a service and operational assurance support for global assets with yearly revenue of $320M
- Initiated, strategized and led Software as a Service (SaaS) opportunity funnel with global stakeholders, leading to yearly revenue increase of $200K and team growth by two full-time members
- Created Power BI workflow dashboard for team's KPIs, optimizing staff capacity by 3840 hours annually

Senior Analyst Nov 2020– Oct 2022
- Led Shell North America production, sales and emissions reporting for regulatory compliance assurance
- Led team of five to build end-to-end business model for carbon emissions analysis & reduction of a major steel plant operation, generating ~$51K revenue and reducing 8% of plant's annual CO_2 emissions
- Implemented industry standard calculations backed by robust PL/SQL based data management framework, leading to value-driven operational improvement by $400K
- Planned and led UI design enhancement for field operations, optimizing data entry errors by 90%

Data Analyst Aug 2018 – Nov 2020
- Responsible for hydrocarbon accounting for assets in US & Canada which produced yearly revenue of $200M
- Automated business critical reporting processes using Excel macros, saving 920 man-hours annually
- Made value chain leaner by implementing Six Sigma concepts across production and refining networks, optimizing operating budget by $50K
- Created Power BI dashboard to enhance asset KPI monitoring, leading to improved operational surveillance

QUORUM TECHNOLOGIES Pune, India
Software Engineer Jun 2017 – Aug 2018
- Responsible for strategic design focused on software automation using Selenium for major global clients
- Trained 3 team members in Selenium to eliminate manual test case execution redundancies
- Created opportunity funnel with BHP to develop new functionality to automate business critical processes

LEADERSHIP & INVOLVEMENT

Graduate Assistant – Mays Business School Texas, United States | Dec 2023-Current
- Worked with Mays business school admissions for MBA outreach and recruitment

Abu Dhabi International Petroleum Exhibition Conference Abu Dhabi, UAE | Nov 2022
- Represented Shell as Delegate for sustainable development in oil and gas and future of global energy security.

Graduate Mentorship - Shell Chennai, India | May - Aug 2021
- Coached and mentored a cross-cultural team of twenty entry-level engineers in data analytics for oil and gas.

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: MS Power BI (Intermediate to Advanced), PL/SQL (Oracle Certified Database Associate), Coding (C++, Python) Honeywell Unisim, MS Excel/Word/PowerPoint

Publications/Lectures: Published paper in OGJ (peer reviewed journal) in 2016 and delivered lecture on energy transition to senior academics from major business schools in India (IIT,IIM,ISM) in 2021