Abhinandan Thour

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WORK EXPERIENCE:

Data Engineer
Lloyds Banking Group   Leeds (09/2025 - Present)

- Support the delivery of financial risk management and regulatory reporting projects within the Balance Sheet Management & Regulatory Reporting Lab, applying technologies such as C#, SQL Server, SSIS, SSRS, and SSAS.
- Conduct data analysis and contribute to automation processes for securitisation, funds transfer pricing, and regulatory reporting (e.g., LCR and Asset Encumbrance), ensuring accuracy and compliance.
- Collaborate with cross-functional teams to deliver technical solutions, preparing documentation and presentations, and contributing to continuous improvement initiatives within the Finance Platform.

Data Engineer
Accenture   Newcastle upon Tyne (03/2025 - 09/2025)

- Supported a large scale fintech project, delivering data-driven solutions through expertise in Python, SQL, Azure, Databricks, and Power BI technologies.
- Designed and implemented an ETL pipeline for a mock coffee shop during a 5-week project, applying end-to-end SDLC principles from initiation to deployment. Utilising Python, AWS (S3, EC2, Lambda, Redshift) and CloudWatch for monitoring and troubleshooting, demonstrating proficiency in both Agile and Waterfall methodologies.
- Increased Accenture's visibility by supporting recruitment and showcasing company work through social media initiatives. Promoted the brand locally through school outreach, volunteering, and community engagement.

NPI Manufacturing Engineer
Cummins Inc.   Daventry (08/2022 – 08/2023)

- Led presentations on manufacturing aspects during component design reviews and engine integration meetings for global teams. Addressed design, manufacturing, and electronics issues, working under tight deadlines to develop solutions. This role provided comprehensive insights into the full manufacturing cycle, from conceptual design to final production.
- Introduced Virtual Reality and 3D printing technologies to prototype assessment in my department, achieving a 15% reduction in production costs and enhancing prototype efficiency, demonstrating adaptability in high-stakes environments.
- Collaborated with cross-functional teams globally to address engineering and logistics issues, driving projects to completion under tight deadlines. Excelled in translating technical findings into actionable insights for internal stakeholders.

EDUCATION:

- **MEng Mechanical Engineering / Aerospace Engineering (2:1)**
  University of Southampton   Southampton (2019 – 2024)

CORE SKILLS:

- **Interpersonal & Communication** – Fluent in five languages, with cross-cultural communication skills honed through team-based projects in engineering and software development. Able to present technical concepts effectively to both technical and non-technical stakeholders.
- **Time management** – Managed multiple projects simultaneously during engineering roles, meeting deadlines and maintaining high product quality.
- **Analytical and Critical Thinking –** Led phases of projects with budgets up to $5 million, employing data-driven decision-making to resolve complex challenges. Collaborated with cross-functional global teams to troubleshoot engineering and logistics issues.

PROJECTS:

- **Cover Letter Generator:** Build a full-stack application which uses the OpenAI API to generate a tailored cover letter based on the user's CV and job description. This AI-driven tool reduces cover letter writing time by 65% and was made to help non-English-speaking students to support their university journey and job search.