

Naman Pandey

+44-7307658109

London, UK

namanp95@gmail.com

Versatile and analytical software engineer, **eligible to work unrestricted in the UK**, with **over 6 years of diverse professional experience** and a recent **Master of Science in Artificial Intelligence 'With Distinction'** from Brunel University. Eager to apply this blend of practical experience and advanced technical education to the next role in my career path. Aiming to leverage deep knowledge in AI, Data Science, Databases (SQL / NoSQL), and BI tools of Tableau and Excel, alongside a proven track record in programming and project leadership, to contribute to innovative solutions and drive success in AI Engineer / ML Engineer / Data Analyst / Data Scientist roles.

Education:

- Master of Science (M.Sc.) in Artificial Intelligence**
 - Brunel University, London, UK (2022 – 2023)
 - Grade: **Distinction**
- Bachelor of Technology (B.Tech.) in Computer Science and Engineering**
 - Birla Institute of Applied Sciences, Bhimtal, India (2012 – 2016)
 - Grade: **Merit**

Technical Skills:

- Programming Languages:** Advanced proficiency in Python, R, C, C++, C#, Java, JavaScript, Node.js.
- Database Management:** Skilled in Relational (SQL) and NoSQL (MongoDB) database design, development, and management.
- Data Analysis & Machine Learning:** Hands-on expertise utilising TensorFlow, PyTorch, Keras, pandas, NumPy, scikit-learn
- Deep Learning:** CNNs, LSTMs, Attention, Transformers; Specialized in Computer Vision, NLP, and Time Series Forecasting.
- DevOps:** Familiar with Docker, Selenium Testing, Git CI/CD, GCP Data AI and ML tools.
- Business Intelligence Tools:** Proficient in extracting insights using MS Excel and creating interactive dashboards using Tableau.

Relevant Experience:

- Research Assistant, Brunel University, UK** (Jul 2023 - Aug 2023)
 - Performed critical analysis of Language Model Models (LLMs) in academic settings.
 - Co-authored a concise, data-driven report on their impacts and applications, augmented with visualisation.
- Field Service Engineer, Pressco Technology Inc., USA** (May 2017 - Aug 2022)
 - Collaborated internationally and managed the deployment of Machine Vision projects within food and beverage industry.
 - Focused on data collection, generating reports, client training and system audits.
- Software Developer, Tata Consultancy Services Ltd., India** (Jul 2016 - May 2017)
 - Developed REST API endpoints for banking and insurance clients, and helped port code over from legacy frameworks.
 - Automated insurance form comparisons using Python, improving efficiency by over 90%.

Key Projects:

- Enhancing Brain Tumour Segmentation in 3D MRI Images – Image Segmentation using Deep Learning**
 - Developed advanced deep-learning models in PyTorch and Tensorflow for improved tumour detection.
- Analysing Stock Market Trends via Twitter Dynamics – Predictive Analysis using Machine Learning**
 - Used machine learning to correlate Twitter sentiment with stock market trends using time series models.
- Missing Money Matters – Data Analysis Project using SQL and NoSQL**
 - Applied SQL and NoSQL (MongoDB) techniques to analyse data and investigate financial discrepancies.
- Fortune 1000 CEO Diversity and Performance Dashboard – Data Visualisation Project using Tableau**
 - Designed an interactive dashboard ([link](#)) to analyse the financial impact of gender diversity in top-tier companies.

Trainings/Certifications:

- Google Cloud Computing Foundations | Google Cloud Skills
- Data Analytics Essentials | Cisco
- Applied Data Science with Python | Simplilearn
- Six Sigma: Green Belt - Project Management Essential Training | LinkedIn Learning

Awards and Achievements:

- “Star of the Learners Group” award at TCS’s learning program.
- Second Runner-Up in the “Tech-Know” event at the CSI-II State Student Competition.
- Scored 168 out of 170 in the Quantitative Aptitude Section of the GRE 2019 examination.

Leadership Experience:

- Secretary, The Programming Club, BIAS:** Organized workshops; introduced programming to non-computer science students.
- Vice-Secretary, The Printing and Publication Club, BIAS:** Led design sessions; Innovated college newsletter format.
- Student Ambassador, Brunel University:** Conducted campus tours; Engaged with prospective students.

Additional Experience:

- Chef De Partie, ETM Group, London, UK (Nov 2022 – Present)

Professional Profiles:

- LinkedIn: [linkedin.com/in/nmn-pandey](https://www.linkedin.com/in/nmn-pandey)
- GitHub: github.com/nmn-pandey