

Motivation Letter

Dear Admission Committee,

With over five years of experience as a software analyst in the finance and e-commerce domains, I have developed a strong foundation in computer science. My exposure to large-scale data systems and my growing interest in artificial intelligence and data analytics have motivated me to pursue a Master's degree in Computer Vision & Data Science at NHL STENDEN, University of applied sciences, Leeuwarden. This program aligns perfectly with my ambition to transition into a data-driven role, leveraging my technical expertise to derive meaningful insights and contribute to cutting-edge research and development in computer vision and data-driven technologies.

I hold a bachelor's degree in Electronics and Telecommunications from Mumbai University. My post graduate diploma in Advanced Computing from CDAC, Mumbai helped me built a strong foundation in programming, algorithms, and database management. After graduation, I worked in agile and DevOps environments, handling complex software development tasks, deployments, and data processing workflows. My tenure at Tata Consultancy Services and Intelligence Node allowed me to work with technologies like C++, Python, JavaScript, Azure Services, and DevOps tools, strengthening my problem-solving abilities and technical acumen.

At TCS, I played a key role in automation, and developing data scrapers to extract, structure, and store information in MySQL databases. These experiences enhanced my skills in data engineering and processing, sparking my interest in analytics and AI. Additionally, my work on migrating critical financial modules from C++ to Python and optimizing the storage of data in database deepened my appreciation for the power of data-driven decision-making.

Previously, my tenure at Intelligence Node, I worked on designing web crawlers to extract e-commerce data, ensuring efficient load balancing and proxy rotation for seamless web scraping. Creating APIs to serve structured data in multiple formats reinforced my understanding of data storage, retrieval, and presentation, which are essential aspects of analytics and AI applications.

Throughout my career, I have been fascinated by the potential of data to drive innovation. While my work has involved data extraction and processing, I want to develop a more profound understanding of statistical modelling, predictive analytics, and machine learning to extract valuable insights from vast datasets. My experience has provided me with the technical skills to manage and manipulate data, but I now seek academic rigour to refine my analytical thinking by learning and applying AI techniques effectively.

I am particularly drawn to NHL Stenden's Master's programme because of its applied learning approach, industry collaborations, and focus on real-world problem-solving. The opportunity to work on practical AI applications while gaining insights from experienced faculty and industry experts excites me. The university's emphasis on research-driven innovation aligns with my career goals, and I believe

that studying in an international and interdisciplinary environment will further enhance my learning experience.

My goal is to become a computer vision researcher and AI specialist. I am especially interested in medical imaging, autonomous systems, and smart surveillance technologies. I believe that the knowledge and skills acquired at NHL Stenden will enable me to make meaningful contributions to these fields.

I am confident that my academic background, professional experience, and passion for AI and data science make me a strong candidate for this programme. I look forward to the opportunity to contribute to NHL Stenden's academic community and grow both professionally and personally.

Thank you for considering my application. I look forward to the possibility of joining your esteemed institution.

Regards,
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