**Motivation letter for Master in Information Systems**

Dear Sir/Madam,

With this letter, I am applying for a position in the Masters of Information Systems programme, offered at University of Liechtenstein. With my current experience as a Full Stack Software Developer, I wish to expand my technical knowledge of data driven systems and turn my focus towards their rapid, wide-scale adoption in forecasting and business decision making, as a Data Analyst. By going through the course curriculum and the specialization (Data Science) offered, I have found that the subject material is perfectly suited towards my long term goal and career aspirations. Lastly, it’s an opportunity for me to improve upon my cultural cognisance by working with people from diverse cultural backgrounds, and furthermore, share five years of strong technical and professional experience to fully contribute towards an educational experience at the University of Liechtenstein.

I graduated with a Bachelor of Technology (09-13) from G.G.S.I.P. University in India. Interestingly, I majored in *Electronics & Communications*, rather than pursuing a *Computer Science* course. Although, I worked hard to secure first division in the said field, curiosity to learn more got the better of me and I ended up **participating in 24-hour competitive programming challenges (*IEEEXtreme*)**. **MATLAB** has always been my favourite subject so I utilized the most of it in my major project (*Moving Object tracking with Kalman Filtering*). After getting a hold on programming, I built a website for the biggest technical society of my college, ***Institute of Electrical and Electronics Engineers, IEEE****.* The website won the best website award in the R10 region (APAC and Australia) and I knew where my true interest lies. IEEE gave me the right platform to seamlessly transition from an undergraduate to someone adept at understanding the dynamics of the IT industry. For a significant part of my undergraduation, I lead the technical society of the college with over 100 students and an incredible network of 10,000+ students from over 90 Student branches in the capital itself. For me, this valuable experience provided the propulsion for my professional journey thus far as a developer.

As a software developer, I specialize in building tools and web applications to aid IT research, improve sales & distribution processes, and build efficient service delivery pipelines for large multinational corporations. As part of my role, I gather client’s information and engagement reports based on various activities performed by the client on our portals. Every research document read by the client, every rating or feedback given by the client, every event attended by the client is tracked and it is my job to develop a system to refine the unstructured data from the warehouse and show relevant research content to the client, based on his/her activities. Furthermore, It is my responsibility to create highly customisable and user-friendly applications to keep track of client engagements and let the Account Managers and Executives create engagements with the clients on-the-fly. This involves initial requirement gathering, prototyping, coding complex n-tier applications, code reviews and code deployment, and technically assisting the clients. During my tenure, my exposure to Programming expanded to **Object-Oriented Programming, Functional Programming, User Experience designing, Service Oriented Architecture (SOA) designing, Database Management etc.** Over the years, I won several recognitions including the *Outstanding Contribution (OC)* award among a team of more than 100 members.

However, working with a successful research and analytics firm, **Gartner**, turned into a different ball game altogether when I started working on an overly ambitious, bleeding edge core analytics based project, **Early Risk Detection System (ERDS)**. ERDS is a state of the art Business Management Algorithm to manage Gartner’s multi-billion dollar worth of contracts with almost 60,000 clients worldwide. Over a period of six months, I worked with some of the brightest Data Scientists on planet to craft an algorithm that can process huge chunks of data from multiple sources and classify the contracts in various risk categories. Although, the project turned out to be the cornerstone of success for the company, I immediately felt the inadequacy in my skillset and lack of information systems-related training. Eversince, **I have devoted my time in learning the trade via completing certifications and real world projects in Python, data management and visualization, and Machine Learning**.

My ambition to study in Germany stems from a dearth of equivalent professional programs offered in Australia. As mentioned earlier, the future of healthcare in Australia will demand a workforce with a specialised skillset. With this degree I would like to meet this demand and, in the future, be a pioneer in the architecture, management and protection of information systems. Furthermore, Germany’s geographic location and current economic strength attract industry experts from around the world. With the notion of idea-sharing in mind, this would be a perfect ground to establish the next step of my professional career.

As I re-direct my goals toward self-improvement, I highly value experiences such as above that aided me to finalize my future focus of learning. Certainly, a comprehensive education that expounds on data-driven decision-making, with a wealth of proven practices, is an essential stepping stone for me to grow in this field. The guidance of the University’s remarkable faculty including Professor *Geoffrey Webb* and Professor *Wray Buntine* would empower me to prosper in the field. I will not only bring to my fellow students and the school, the diverse technical experience but also an assurance to fully contribute to an educational experience at Monash University. The Masters program is integral to my goals, and I greatly appreciate your consideration of my application.

With all of my experience listed, I am in search of bringing my career to the next level. The subjects offered in this program are specifically in line with my professional goals. Additionally, the mandatory study abroad semester provides a great grounding in which to further experience divergent cultures and exchange knowledge. I am certain that the knowledge and skills learnt from my professional experience, university, and extracurricular activities would make me a valuable addition to the Masters of International Information Systems program offered at [university name].

Yours faithfully.

Saransh Bansal