STATEMENT OF PURPOSE

A profession becomes a notable journey toward success and contentment when fueled by passion. Believing that the intersection of interests and proficiencies leads to remarkable outcomes, I, Chaithanya Laxminarayana, am fortunate to have a vocation that aligns with my innate interests. I am deeply passionate about leveraging Software Engineering, Data Science, Artificial Intelligence and Application Development to effect meaningful change in the world. These fields captivate me with their potential for innovation and transformative impact. With a vision to refine my thought processes and address contemporary challenges, I have pursued a career in engineering, dedicated to executing impactful ideas. To realize my aspirations and establish a strong foundation for my career, I have decided to pursue a master's course in **Computer Science** at the prestigious **University of Passau** in Germany.

I vividly recall the moment seated before my desktop computer, diligently coding my first Q-Basics program at school, a simple yet momentous endeavor to print "Hello World...!!". I strongly believe that a firm academic background establishes a better pathway towards a successful career. I have completed my secondary schooling from School Vivekananda and my pre-university from Seshadripuram Composite Pre-University College. As the juncture arrived to chart my academic path for undergraduate studies, my conviction led me to select Computer Science and Engineering at Presidency University, Bangalore, India—a decision rooted in both passion and purpose.

I have always sought to extend my learning beyond the classroom, actively participating in both co-curricular and extracurricular activities. As an active member of the Debate Society at Presidency University from March 2018 to 2021, I was primarily responsible for organizing competitions. This role significantly enhanced my managerial, organizational, and communication skills, and fostered a strong sense of team spirit. In addition to my involvement in the Debate Society, I demonstrated my enthusiasm for teamwork and leadership by participating in football. My dedication to excellence is reflected in my extracurricular achievements. I represented my University at the National-Level Speak-up competition, M-Pulse, where I secured first place. Additionally, I participated in a debate organized by the Power Grid Corporation of India, where I received a special mention for my insights and perspectives on the topic.

During my time at University, I participated in various projects involving Android application development, Web Technology and the Internet of Things. These experiences not only broadened my skill set but also deepened my interest in coding. Consequently, I had the exciting opportunity to intern at Greenbubbles Startup Services Pvt Ltd, a co-working space, as an Android developer. Over the course of my three-month internship, I sharpened my skills in application design, gained a deeper understanding of real-world requirements, and learned to utilize real-time raw datasets in the development process. I am proud to have been part of the team that developed a visitor management application for the co-working space. This project allowed me to apply my knowledge of Java, application design, and Android Studio effectively.

I have always embraced a multidisciplinary approach to learning, which has allowed me to cultivate a diverse set of skills and interests. Under the guidance of my university professors, I developed a strong enthusiasm for Data Science, Artificial Intelligence and Image Processing. For my final year project, I focused on Data Science and image processing, specifically within a team of five members. My primary responsibility was to identify the authentic image within datasets containing multiple real and duplicate images of various types. To achieve this, I enhanced the Fuzzy C-means algorithm to standardize all images into a grayscale format, which was subsequently used to ascertain the originality of the images. This enhancement significantly contributed to our project, resulting in an impressive accuracy rate of

93.5%. Throughout this process, I also honed my team-building and interpersonal skills, which were crucial to our success.

Continuing on the same trajectory, I am currently employed as a full-time Software Engineer at Accenture, India. In this role, I serve as a MEAN stack developer specializing in Multiplatform Frontend Development. Upon joining Accenture, I underwent two months of intensive training in the MEAN stack, followed by assessments that significantly enhanced my proficiency in JavaScript, Angular, Node.js, and MongoDB. In my daily work, I utilize various libraries and tools, including Node Package Manager (npm), Highcharts, Leaflet maps, D3 charts, HTML, CSS, Bootstrap, and JSON. Over the past 3 years at Accenture, I have continually upskilled and expanded my expertise in the software domain. My curiosity and drive to master new skills have led me to earn certifications in Data Science, Python, Snowflake, Angular, React and RDBMS. This professional journey has sparked a deep interest in **Computer Science**, as I have developed a strong inclination to delve deeper into this field and expand my knowledge further.

This realization intrigued me to analyze the scope in my arena worldwide. Thereafter, I made a decision to carry forward my education to gain thorough know-how and better insights. After a surfeit amount of research, I funneled down to the Masters' program course in **Computer Science** that the prestigious **University of Passau** offers. This particular curriculum seems to be well-articulated that doesn't only offer expertise in technical aspects but also provides real-time industrial exposure.

"Allow your passion to become your purpose, and it will one day become your profession." Guided by this philosophy, my goal is to leverage my skill set and expand my knowledge by pursuing Post-Graduation degree at your esteemed University. I aim to apply my skills and knowledge to gain valuable professional experience. After gaining significant professional experience, I aim to transition into an entrepreneurial role in the future. My focus will be on addressing the unresolved challenges of our generation, with the ultimate goal of exemplifying effective leadership and making a meaningful impact. I aspire to return to my country and assume a challenging position that fosters both personal growth and the opportunity to apply innovative ideas to realize my potential.

I chose Germany for its renowned educational system, as well as its welcoming environment, globally recognized course curricula, affordable tuition fees, and highly qualified faculty. After thorough research and expert consultation, I selected your esteemed university due to its unparalleled reputation, distinguished faculty, and exceptional facilities. The university's rich cultural environment, comprehensive curriculum, and conducive atmosphere for learning are unmatched by any other institution. It offers the essential exposure needed to extend learning beyond the confines of the classroom, making it the ideal place for my academic and professional growth.

Being a resilient person, I reckon your esteemed university will work as a catalyst to bridge all the gaps in knowledge and skills and augment me into the most potent version of myself.

Optimistic to obtain an affirmative revert from your end!

With sincerity and gratitude,

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