

Statement of intent

I am **Vaibhav, Subramanya** and I have always wanted to work in the field of electrical and computer engineering understanding and developing creative ideas. I thus seek for the **M.Sc. Electrical and Computer Engineering program at the prestigious HS Anhalt**. Driven by great interest, my academic path has been an ongoing quest of information on electrical systems, computer technologies, and their uses.

Academically, I completed my tenth grade in 2017 with an **86.08% German Grade: 1.64** and my twelfth grade in 2019 with a **79.5% German Grade: 1.95**. After Visvesvaraya Technological University in 2023 finished my **Bachelor of Engineering in Electrical and Electronics Engineering** with a **CGPA of 8.22 (German Grade: 1.89)**, My background in Calculus, Analog Electronic Circuits, Electric Motors, and Control Systems has given me a strong basis in all around. Along the way in school, I worked on several projects including a **Density-based Traffic Signal Control System utilizing a microcontroller** and an **IoT-based Underground Cable Fault Detection System**. These encounters aroused my interest and motivated me to study the area more closely. I have cleared my **IELTS with overall score is 6.5, CEFR level B2**.

Internships have also given me real-world experience. Working as a **trainee at Textron India Pvt. LTD., Bangalore**, I helped with the Beech Modernizing project, concentrating on wire and harness building for a supplier transition program. At **The Infinite Solution, a government-approved contractor in Bengaluru**, I am currently an **Apprentice Electrical Engineer**. Among my duties are project estimate, bidding, installation and maintenance, and safety rules assurance. These positions have offered me in my field of study useful practical knowledge and hands-on experience.

A family event when a power outage seriously interrupted my known person's small business and resulted in major losses piqued my curiosity in electrical and computer engineering. This event inspired me to study electrical systems and create remedies meant to stop such events. My internship at Textron India Pvt. LTD also helped me to see how crucial improved electrical systems are to upgrading sectors and raising productivity. Crucially for tackling practical problems, the M.Sc. Electrical and Computer Engineering curriculum at HS Anhalt provides modules including Advanced Control Systems, Embedded Systems, and Renewable Energy Systems. The chance to study about renewable energy systems especially excites me since I see a sustainable future depends on them.

Because of its outstanding academic standing and facilities, HS Anhalt is clearly one of my first choices for graduate school. The university is well-known for giving research and practical learning great weight. Modern buildings and a varied student body offer the perfect setting for both intellectual and personal development. Though I have no friends or relations at HS Anhalt, I have heard great comments from alumni about the active campus life and encouraging instructors. The university's attractiveness stems from its position in Köthen, a city with rich history and cultural legacy. The city's closeness to important business centers presents great chances for internships and employment following graduation.

Germany is well-known for its excellent educational system, which is reasonably priced and easily available to international students, hence I wish to study there. Since field of electrical and computer engineering presents higher educational possibilities than other countries, I plan to remain in Germany. The variety and rich culture of Germany will open my horizons and help me to develop personally. Studying in Germany will expose me to creative technology and cutting-edge research, therefore enabling both personal and professional development. Germany is the perfect place for my master's program because of its great focus on research and development as well as friendly environment for international students.

After finishing my master's degree, I want to work for multinational companies like leaders in the field of electrical and computer engineering, **Siemens, Bosch, or ABB**. Leading developers of creative ideas and improving technological capabilities backed by cutting-edge technologies are these businesses. Long term, I want to start my own business concentrating on creating sustainable energy systems and clever electrical solutions to solve world problems and raise living standards everywhere.

Finally, my professional experience and academic successes qualify me strongly for the Master of Science program at HS Anhalt. By means of this curriculum, I hope to acquire the information and abilities required to influence society positively and help to advance computer and electrical engineering. Participating in the academic community at HS Anhalt presents chances and challenges that I am ready to welcome.

I value your giving my application some thought.

Sincerely,
Vaibhav, Subramanya