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Bachelor of Science in Information Technology

FROM CHILDHOOD TO CODE

A Journey of Faith, Resilience and Innovation

Who am I Today and Purpose of The Story

- I am an aspiring Information Technology professional, shaped by faith, education, and a desire to use technology for social good.

- The autobiography traces my journey into IT.

- It reflects on passion, ~~resilience, and growth in the tech~~ field.

- It shows how challenges and opportunities shaped my IT path.

- It connects past experiences to current skills and future goals in technology.

First Encounters with Computers

First formal exposure to computers through structured computer studies.

- First formal exposure to computers came in school through computer studies.
- The computer lab quickly became a favorite learning environment.
- Curiosity about how computers work turned into a strong interest in IT.
- Early lessons showed that computing is central to modern life.

Building Foundational IT Skills

Early computer studies provided the basic tools and habits needed to grow in information technology.

- Learned basics of computer systems, operating systems, and office applications.
- Gained practical skills in word processing, spreadsheets, and databases.
- Was introduced to basic programming concepts and simple programs.
- Discovered that structured thinking and problem-solving are core to IT.

Choosing and Committing to an IT Path

As my interest in technology grew, I had to compare different academic and career options. This stage of the journey was about weighing where I had come from against where I wanted to go, and deciding whether IT was just a useful skill or the core focus of my future.

Path 1 – General Career Direction

- Follow a broader, less specialized career path with limited focus on technology.
- Rely mainly on basic digital skills without deep technical expertise.
- Have fewer opportunities to design solutions or build software products.

Path 2 – Focused IT Career

- Specialize in information technology and deepen skills in programming and systems.
- Invest time in learning tools, frameworks, and architectures used in real projects.
- Open doors to roles in software development, systems support, and technical leadership.

Deciding to Pursue an IT Degree

- Reflected on personal strengths and interests after finishing secondary education.

- Explored different career paths and kept returning to technology-related options.

- Chose to pursue a degree in Information Technology as a natural next step.

- Saw IT as a field with room for innovation, impact, and lifelong learning.

University IT Studies: Foundations

- Studied core units such as programming, database Systems, networking, and web development.

- Learned structured programming and object-oriented approaches.

- Built a foundation in data structures, algorithms, and software design.

- Gained appreciation for teamwork and documentation in software projects.

Challenges in the IT Journey

- Faced difficult units such as Calculus and Probability & Statistics.

- Experienced academic setbacks that affected progress in the program.

- Went through a period away from studies that tested confidence and motivation.

- Learned to view setbacks as temporary and part of growth in a demanding field.

Returning, Recovering and Growing in IT

- Returned to university determined to complete the IT program.

- Retook challenging units with a new strategy and mindset.

- Sought support from peers, mentors, and personal reflection.

- Completed the degree with a stronger sense of resilience and focus.

Practical Skills: Clubs, Communities and Certifications

- Joined tech communities and clubs focused on programming and innovation.
- Participated in projects, hackathons, and peer learning sessions.
- Learned modern languages and frameworks for mobile and web development.
- Earned certifications in networking, operating systems, and cloud fundamentals.

Projects and Real-World Application

- Developed mobile and web projects addressing sustainability and agriculture.

- Practiced full-stack development: front-end, back-end, and databases.

- Completed an internship applying IT skills in a professional environment.

- Learned to gather requirements, debug systems, and support end users.

Future Ambitions in Technology

- Aim to become a highly skilled software and mobile developer.

- Intend to contribute to open-source and local tech communities.

- Plan to build or join socially responsible tech initiatives and startups.

- Desire to mentor others and use technology as a tool for positive change.

THANK YOU!

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