# PROSPECTUS

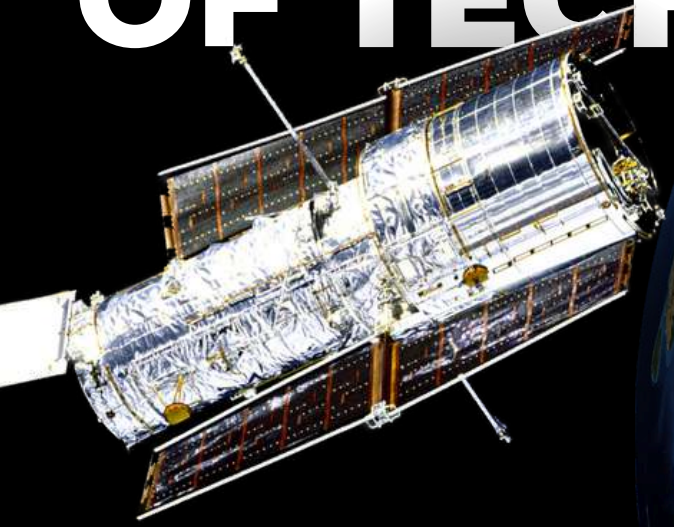
## Accredited Certificate in Software Engineering with Python

**National Occupational Certificate:**
**Software Developer |** SAQA ID: 118707 |
| NQF Level 5 | 220 Credits

ITvarsity

WE WILL GET YOU READY FOR THE

# WORLD OF TECH



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# Why a Career in Coding? Here is just 5 Reasons...

1

## CODERS ARE IN HUGE DEMAND

*MICT SETA Sector Skills Plan report shows that software developers are in huge demand, but positions are hard to fill because of a shortage of skilled developers.*

2

## CODING IS ONE OF THE MOST SOUGHT-AFTER SKILLS

*The latest Career Junction Index showing a 6% jump in demand for software developers from July to August 2017.*

3

## CODING IS ON THE TOP 5 IN THE JOB MARKET

*Careers24 lists Software Development skills as being among the top 5 popular skills in the South African job market.*

4

## SOUTH AFRICA HAS A CHRONIC SHORTAGE OF DEVELOPERS

*Software development (especially in Java and C#) is the most sought-after skill set on job portal Career Junction.*

5

## DEVELOPERS EARN GOOD MONEY

*According to PayScale.com, entry-level software developers earn just over R250 000 per year, and this rises steadily with experience.*

# MEET YOUR INSTRUCTOR

IT varsity is an accredited online institute that specializes in preparing people for careers in App Development.

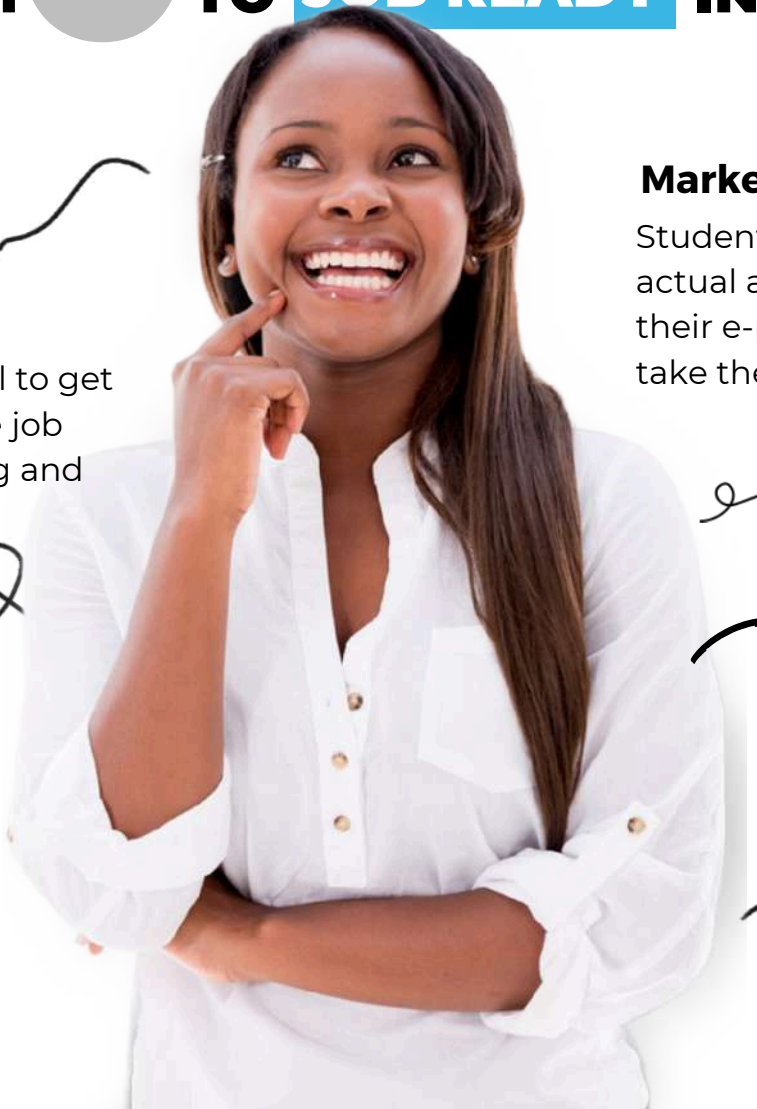
IT varsity was founded by App developers who are passionate about their work.

IT is an exciting and dynamic field that cannot be taught through loads of theory. So we bring together the best IT professionals in their fields to teach and mentor learners through becoming IT professionals who is not just employable, but exceptional.

IT varsity was founded by award-winning App developer, Bilal Kathrada, who still mentors students towards becoming accomplished coders and App developers themselves.

# Skills you will learn

## GO FROM 0 TO JOB READY IN 1 YEAR



Analyse client needs.

### Entrepreneurship Skills

We teach skills that are critical to get noticed in today's competitive job market, like personal branding and design thinking.

Test and debug your app.

### Accredited Qualification

Learners are recognised internationally through a SAQA-accredited qualification.

### Marketable Skills

Students learn practically by building actual apps which are then exhibited on their e-portfolios. Students will be able to take their apps to the market.

Create beautiful, user friendly apps for the web and for mobile devices.

### Software development tools

Use various software development tools used by experienced software developers in order to streamline and simplify the development process.

Plan and develop your apps.

# Why choose IT varsity to study at

## We don't just educate our students...

# WE NURTURE THEM

### All Online

Studying online means that you are free to study wherever you are and whenever you want. You are free to create your own schedule to study when it's convenient for you in the comfort of your home.

### Own Pace

With our course you can study anytime, anywhere, at your own past, in-between your daily work grind.

### Free webinars

Whether you're a student looking to stay ahead of the curve or a professional seeking to expand your expertise, webinars are an essential resource for personal and professional growth.

### Anytime

Our mentors are ready to lend a hand any time.

**WE HAVE REACHED OVER** **75000 PEOPLE** **IN OVER** **25 COUNTRIES**

### Auberney Johnson

The Apptreprenuer course has taught me so much, coding and lessons were easy to do and understand. I am grateful that I now have a new skill.

### Kaitlin Pillay

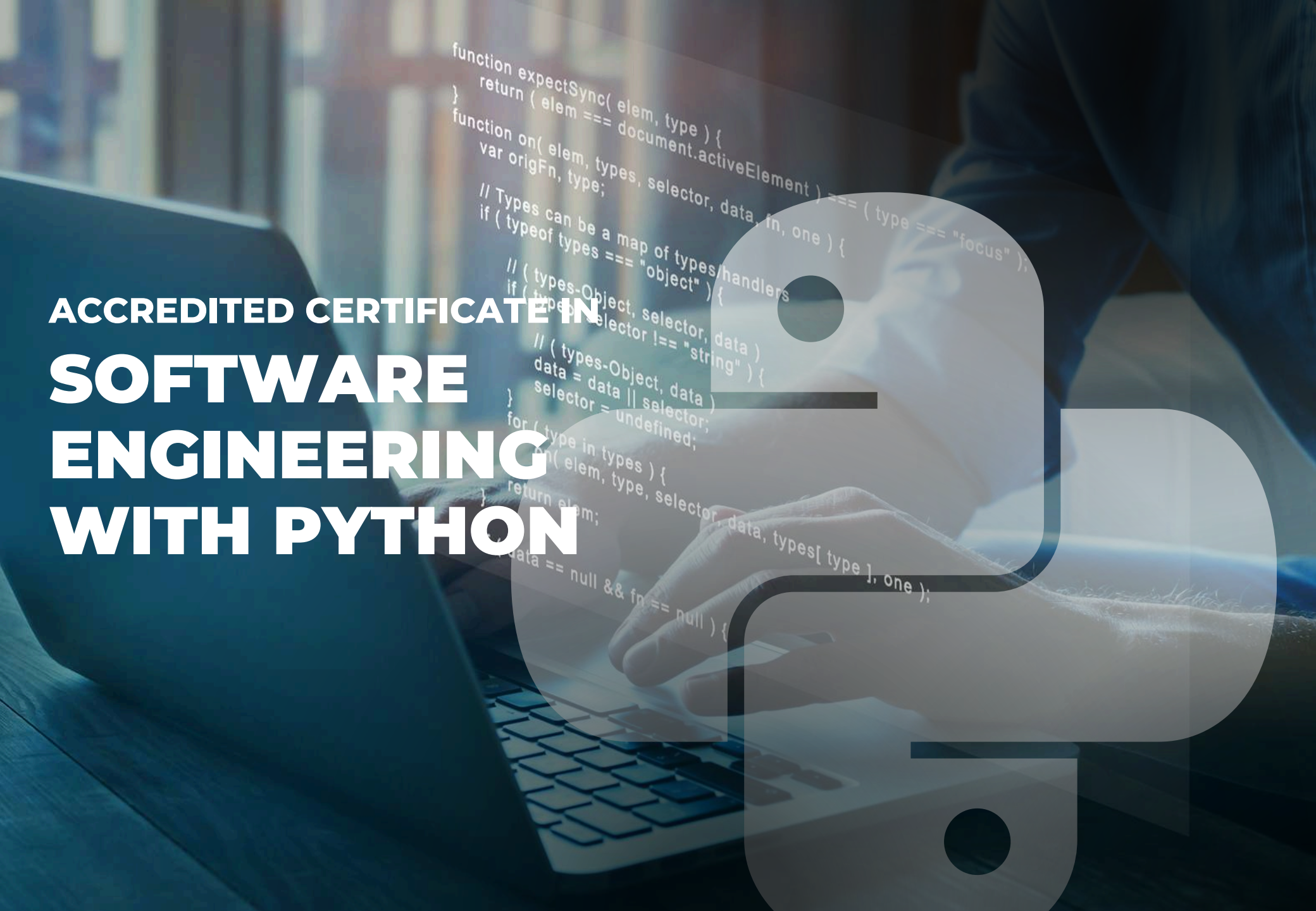
It has always been a dream of mine to pursue a career in information technology. I am able to do so through the Apptrepreneur course that I have completed, I have learned how to code in HTML, CSS, and JavaScript. , I can confidently pursue my dreams.

### Aakifah Hartley

I love that I could start coding by the end of my very first lesson and even start doing things on my own by the end of my first week. It's fun, easy to grasp and better than some of the self-learning tutorials seen on YouTube. The Apptreprenuer course also gave me insight on how to create a career /business after completing the course.

### Karabo Selemela

When I started, I thought it would be difficult for me to grasp the content because I did not have any coding background. I got better and more confident after every video. It has definitely paved the way for me to either freelance or seek employment in another company.


ACCREDITED CERTIFICATE IN
SOFTWARE ENGINEERING WITH PYTHON

# What is the Accredited Certificate in Full Stack Software Engineering with Python?

The Accredited Certificate in Software Engineering with Python is a 1**-year Online course** designed to take you **from zero to** an Python full-stack **software developer**, under the mentorship of Bilal Kathrada. You will learn by **building real Python projects.**

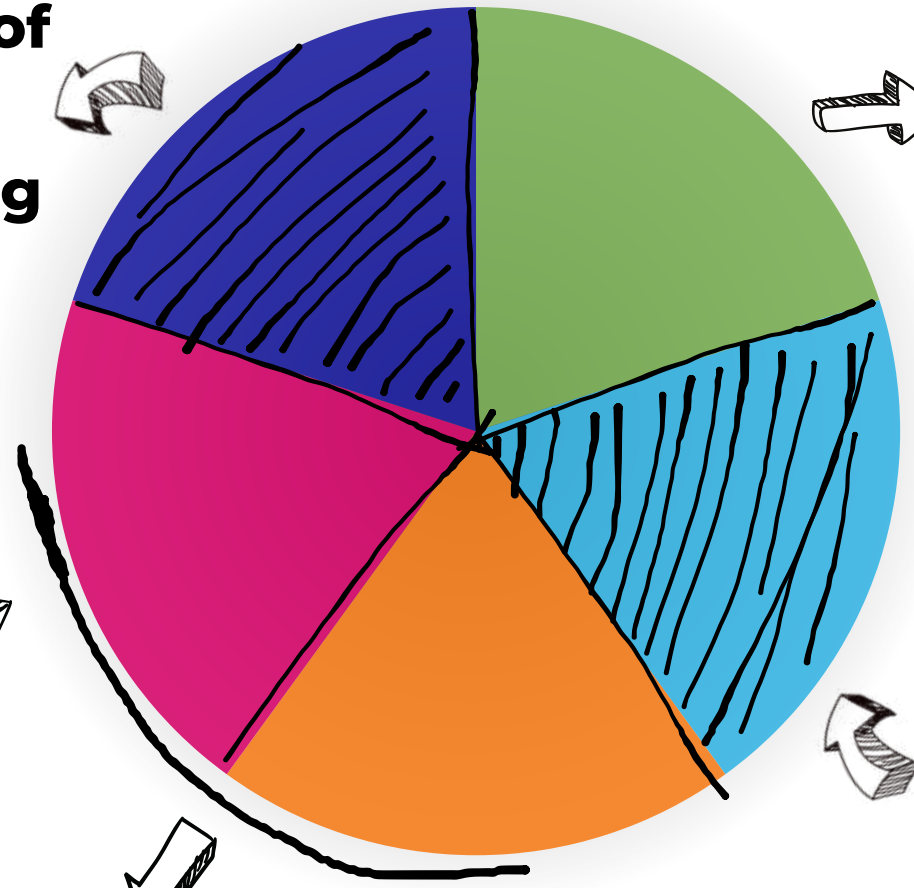
| Average jr Salary (Yearly) | Career Paths |
| --- | --- |
| *AVG. ZAR 189,144 (Source: Talent.com)* | *Data Scientist, Machine Learning Engineer, Web Developer* |

# Course Breakdown

| | |
|---|---|
| **MODULE 1** | *CASCADE STYLE SHEET (CSS)* |
| | *RESPONSIVE LAYOUTS* |
| **MODULE 2** | *PRINCIPLES OF COLOR AND DESIGN* |
| **MODULE 3** | *DRAG-AND-DROP APPS* |
| **MODULE 4** | *CSS ANIMATIONS* |
| **MODULE 5** | *CSS IMAGE EFFECTS* |
| **MODULE 6** | *WEB DEVELOPMENT WITH WORDPRESS* |
| **MODULE 7** | *INTRODUCTION TO JAVASCRIPT* |
| | *JAVASCRIPT DATES AND TIMES* |
| **MODULE 8** | *FETCHING DATA FROM A SERVER* |
| **MODULE 9** | *BOOTSTRAP CSS FRAMEWORK* |
| **MODULE 10** | *DATABASE DRIVEN APPS* |
| **MODULE 11** | INTRODUCTION TO PYTHON BASICS |
| | INTRODUCTION TO PYTHON CONCEPTS |
| **MODULE 12** | INTRODUCTION TO FASTAPI |
| | BUILDING REST APIS WITH FASTAPI |
| | ADVANCED FASTAPI TOPICS |

Concepts you will learn

# Concepts you will cover



Principles of Software Engineering

Software Project Management

Business Information Systems

Database Design and Development

Computer Programming

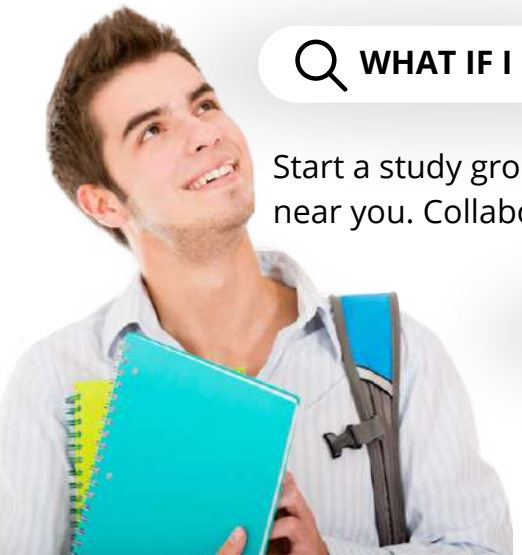
# Frequently Asked Questions

## WHO SHOULD TAKE THIS COURSE

This course is ideal for students, business people, professionals, or anyone who wants to learn how to develop apps and start an app business.

## ARE THERE EXAMS

No, there are no exams, but we use a continuous assessment system. You will need to submit regular assignments which our assessors will mark and provide feedback.



## WHAT IF I PREFER STUDYING IN COMPANY

Start a study group! We will connect you to other students near you. Collaborative learning has huge benefits.

## I'VE NEVER CODED BEFORE. WILL I COPE

New to coding? No worries! We offer video-based practical online training designed to accelerate you from a total newbie to an app developer. Our online teachers are here to support you all the way, ensuring your learning journey is exciting and effective.

## WHAT ARE MY CAREER OPTIONS

There is a huge need for skilled app developers throughout South Africa as well as in other countries. Doing this course will be your first step into a fast- paced, exciting and lucrative career in app development. Potential career paths are:

- Full stack Software Engineer
- Web App Developer
- REST API Developer
- iTech Entrepreneur

If you have an entrepreneurial spirit, you may even start your own App Development business!

## WHAT IF I DON'T HAVE MATRIC

No matric, no problem! You can still study with us by applying for Recognition of Prior Learning (RPL). Give us a shout to find out how.

it's a

# TECH ADVENTURE

Made with ❤

# THANK YOU

Scan me

www.itvarsity.org

Your Future Is Bright
Your Future Is

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