

THABISO RANTSHO

[Junior Web Developer](#) | [B.Eng. Robotics Student](#)

Welkom, South Africa
rantshothabisomail@gmail.com
[My Linkedin](#)
[My Portfolio](#)

SUMMARY

I am a passionate Junior Web Developer and Engineering student pursuing a Bachelor of Engineering (B.Eng.) in Robotics at IU International University of Applied Sciences (Germany), graduating in 2027.

EDUCATION

IU International University of Applied Sciences (Germany), Berlin

Bachelor of Engineering (B.Eng.) in Robotics | Jan '27

Coursework: Introduction to Robotics, Mechatronic Systems, Embedded Systems, Control Systems Engineering, Project: Applied Robotics with Robotic Platforms, C/C++ Programming, Python for Software Engineering and Industrial Automation. Focus: Robotics design, IoT, automation systems, and AI integration in industrial and service robotics.

University of Cape Town, Cape Town

Bachelor of Commerce, Information Systems | Mar '26

Coursework included Systems Analysis, Databases, and Business Process Management. Mentored Commerce Faculty students in 2021, enhancing problem-solving and teamwork skills.

Umuzi/BBD, Johannesburg

Web Application Development Learnership Recruit | Mar '24 - Present

Learnt full stack web development using,HTML5 and JavaScript, express and PostgreSQL. Developed web applications, tested DOM and server-side code using jest and learnt Agile software Development.

ALX Africa, Johannesburg

ALX Full Stack Software Engineering | Sep '23

Learned fundamental computer science concepts and programming skills, culminating in expertise in building and maintaining server-side applications, APIs, and databases.

EXPERIENCE

Monsfi Marketing, Cape Town, WP

Freelance Web Developer | Jun '24 - Present

- Crafted websites for diverse clients, improving sales and engagement metrics
- Boosted organic traffic by 50% through SEO optimization and analytics tracking
- Collaborated on UI development using WordPress, JavaScript, and custom CSS/HTML

Umuzi, Johannesburg

Junior Tech lead | Feb '25 - Present

Led a team of budding software developers through the full stack web development program.

Planned technical sessions for problem solving, assisted in tracking progress, troubleshooting and held daily standup meetings.

University of Cape Town, Cape Town, WP

Junior Business Analyst Intern (Course work) | Jan '21 - Nov '21

- Conducted research and data analysis for business process optimization
 - Supported funding pitch preparation through strategic modeling and communication
-

SKILLS

Proficient: JavaScript, Python, Posgres, HTML/CSS

Familiar: React Native, TypeScript, Postgres, MongoDB, MATLAB, FREECAD

Emerging Focus Areas: Robotics, Mechatronics, Control Systems, Embedded Programming, AI, IoT Integration

ACHIEVEMENTS & LEADERSHIP

- Secretary General, Groote Schuur Residence, UCT - managed budgets, events, and upgrades
- SAMSA Bursary Holder for Maritime Studies, Lawhill Maritime Centre (2016-2019)
- Foreign Exchange Program, Sun Yat-sen University, China - achieved Mandarin proficiency
- Chinese Bridge Competition Finalist, South Africa
- Community Volunteer, Simon's Town Soup Kitchen - serving and coordinating daily operations