

Azabenathi Pupuma

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Graduate Engineer

Civil Engineering graduate equipped to successfully carry out tasks autonomously and collaboratively with team members. Dynamic and innovative with solid desire to learn and grow within Engineering field and develop career further. Outstanding communicator with impeccable eye for detail and demonstrated background in design, data analysis, and relationship building. Proficient in utilising latest industry software inclusive of Microsoft Office Suite. Willing to relocate.

Areas of Expertise

- Civil Engineering Practices
 - Relationship Building
 - Leadership & Teamwork
 - Data Collection
 - Engineering Design
 - Teaching & Facilitating
 - Project Management
 - Administrative Support
 - Customer Relations
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EDUCATION

Bachelor of Science in Civil Engineering | University of Cape Town, Cape Town, SA, 2019

Thesis: (Wastewater Treatment, 2019) – *The Running and Testing of a UCT Process Biological Excess Phosphorus (P) Removal System for Enhanced Culture of P Removing Organism.*

Design Project: (Transportation Engineering, 2019) – *The Re-alignment, Intersection and Pavement design of N7 in Clanwilliams.*

Investigation: (Professional Practice, 2019) – *Road Re-sealing of MR174 by HHO Consulting Engineers and Roadmac Surfacing Cape in Malmesbury.*

Final Design Project: (Structures, 2019) – *A Single Span Traffic Bridge of 25m Over a River That Has Two Traffic Lanes, Cycle Lane, and Footway on Either Side.*

National Senior Certificate (NSC) | Sophumelela Secondary School, Cape Town, SA, 2013

CERTIFICATION

EXPERIENCE HIGHLIGHTS

THE DIGITAL ACADEMY & MTN Ayoba Project, June 2021 – Present

Intern – Full Stack Web Developer

Using JavaScript to create web applications. For different problems finding best possible ways to address issues around our societies as well as sharing possible solutions through various technology tools. Using Node, Express, Angular and MongoDB to perform JavaScript Full Stack (MEAN Stack).

Key Accomplishments:

- Creating web applications that are responsive to different screens even in mobile devices, building functional apps that are user friendly. Developing skills to compete in the market of IT.

PROVINCIAL EDUCATION DEPARTMENT, Feb 2021 – April 2021

Teaching Assistant

Responsible for tutoring, IT section, preparing question papers and memorandums in preparation for their controlled tests. Assessing school's CEMIS for textbook issuing and record keeping. Carrying out administrative work, helping learners through their educational and social development. Managing classes when teachers are not available, and maintain safety and security.

Key Accomplishments:

- Demonstrated leadership skills through every project and admin work, forming teachers and learners' timetable. Mentoring students to make better choices for their different careers.

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BUCWENGILE CONSTRUCTIONS, Nov 2020 – Dec 2020

Brickwork Supervisor

Performed all necessary duties as a supervisor to ensure successful completion of work as scheduled, responsible for drawing analysis and site setting out where the project took place. Responsible for teamwork and necessary communications with the main contractors (WBHO). Leading a team to complete all the milestones planned by WBHO.

Key Accomplishments:

- Demonstrated project management, leadership skills and preparation of reports. Obtained understanding of the team players on site and how different projects work together to form one big project as scheduled.

COMMUNITY LEADERSHIP

RE-RISE EDU-CAREER DEVELOPMENT PROGRAMME, Aug 2020 – Present

Tutor and Mentor for Grade 12 and Post-Grade 12

- Provided career guidance and life coaching lessons. Worked with teachers to ensure the successful completion of the academic year and favourable results.

FEARLESS MIND MENTORSHIP PROGRAMME, Mar 2018 – Aug

2019 Tutor and Mentor for Grade 10 - 12

- Coordinated study materials, conducted tutorials, and graded scripts when required while encouraging participatory learning in order to improve classroom experience. Provided guidance and mentorship to students.

UCT (LEO MARDUARD HALL AND LIESBEECK GARDENS), 2017 - 2019

Residence Mentor

- Informed mentees of institutional procedural norms and initiatives. Supported mentees during stretches of psychological and medical hardships. Provided accurate information with regards to residence life and overall university.

REFERENCES

1. **Mr M. Hoho:** Principal, Sophumelela High School, Samora Machel
Cell No: 073 143 2000
2. **Mr A. Rousseau:** Head of Drawings Office, Senior CAD, devs cc, Rondebosch
Cell No: 082 825 9376
Email: alex@devs.co.za
3. **Ms N. Thwani:** Co-founder of Re-rise ECDP, Mentor, Port Elizabeth
Cell No: 078 545 9679
Email: nwabisathwani@gmail.com