

# Muhaimin Khan

## EXPERIENCE

### **Famba Technologies, Full Stack Developer**

January 2023 - September 2023

- Developed backend systems using Node.js.
- Mobile application development using React-Native.
- Demonstrated strong problem-solving skills by independently investigating and learning.

## EDUCATION

### **BSc(Eng) Electrical and Computer Engineering, University of Cape Town**

2022 - PRESENT

Cumulative GPA at 2025: 75%

## PROJECTS

### **Finhub Blockchain Hackathon Winner (2023)**

Fullstack developer & product strategist in a 4-person team; built a blockchain web app using ReactJS, JS, Python, FastAPI; defined problem & solution strategy.

### **Maze-Solving Robot (2024)**

Built an STM32 robot that autonomously navigates a maze using line-following + modified Dijkstra's algorithm; embedded systems focus.

### **Accounting Desktop Application (2021)**

Python Tkinter app for small business accounting; supports transaction management, client/supplier tracking, and financial statements approved by a CA.

## PERSONAL INFO

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## SKILLS

### **Programming Languages**

- Python, C, C++, JavaScript

### **Frameworks / Tools**

- React, React Native, Node.js, Express.js, FastAPI, Tkinter, MongoDB, Git  
- STM32, FPGA programming (basic)

### **Areas of Interest / Expertise**

- Embedded systems, Web development, Backend APIs, Algorithm design