MUHAMMED MUBEES A K

software engineering intern

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• MALAPPURAM-KERALA

Summary

Software engineering student passionate about building inclusive, accessible technology solutions. Proficient in Python, PyQt5, and MongoDB with hands-on experience developing user-friendly interfaces and audio feedback systems for diverse users, including visually impaired students. Seeking to contribute technical skills and accessibility expertise to innovative projects at forward-thinking organizations.

Experience

Zendalona — Palakkad,Kerala

Software Engineer Intern — 03/2025 - Present

Developing mobile applications for visually impaired users using Accessible Coconut, a Linux-based operating system optimized for accessibility

- Currently developing version 2 of a Math-game application for visually impaired students, ensuring compatibility with Linux and Windows environments; integrating screen readers, text-to-speech functionality, and Python's PyQt5 framework, building on version 1 which served 500+ users and improved educational accessibility

Education

GOVERNMENT ENGINEERING COLLEGE SREEKRISHNAPURAM — 09/2022 - Present

BTECH IN COMPUTER SCIENCE AND ENGINEERING

Skills

TECHNICAL: PYTHON · GIT · NOSQL · DATA STRUCUTRE · Your Skill

NON-TECHNICAL: TIME MANAGEMENT · ADAPTABILITY · TEAM MANAGEMENT

Training / Courses

Python for Data Science, AI & Development -IBM -Coursera

Training/Courses

FOODBEEDOO- Student Focused Food Delivery Platform — Palakkad

11/2024

https://github.com/Anuja200325/FoodBeeDooProject

- Developed a web-based food delivery platform for students, enabling price comparison across restaurants.
- Utilized Node.js, Express.js, and MongoDB to implement user authentication, session management, and database operations.
- Focused on scalable software design and user-friendly interfaces.

Maths-Tutor-QT-V2 - Visually Impaired Students Maths-Game- Application — Palakkad

06/2025 - Present

https://github.com/Webmubees/Maths-Tutor-QT-V2

- Developing a modular alternative learning game using PyQt5 for Linux and Windows platforms, enabling accessibility for visually impaired students through audio feedback based on real-time performance levels.
- Applied MVC-like design to modularize UI, page routing, and backend logic, promoting code reusability and improved application maintainability.