# AYESHATH AZMIYA SHIRI

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Kasaragod,Kerala

## PROFILE

Enthusiastic and detail-oriented Software Engineer with a solid foundation in Python, C, and SQL, and strong command of data structures, algorithms, and software design principles. Known for delivering clean, efficient code and collaborating effectively within agile teams. Proactive problem-solver passionate about building scalable, real-world solutions that make a meaningful impact. Eager to grow in dynamic, innovation-driven environments.

## EDUCATION

**B.Tech in Computer Science and Engineering**                                   2021/11 – 2025/05
LBS College of Engineering Kasaragod
  Kasaragod,Kerala
  CGPA:8.41

**Relevant Coursework:**
Data Structures & Algorithms, Operating Systems, Database Management Systems, Object-Oriented Programming.

## PROJECTS

**BLIND EYE**                                                                    2024/09 – 2025/04
Smart Assistance App for Visually Impaired
- Developed a mobile application that assists visually impaired users in detecting objects, reading text, and sending emergency messages.
- Implemented YOLOv5 for real-time object detection, Tesseract OCR for text reading, and SMTP for automated emergency alerts.
- Built a user-friendly interface and voice feedback system for accessibility.
- Technologies: Python, OpenCV, Tesseract OCR, YOLOv5, SMTP

**INVIGILINK**                                                                   2024/02 – 2024/07
An Exam Invigilator Assignment System
- Built a Django-based web application that automates exam invigilation scheduling based on room capacity, timing, and faculty availability.
- Frontend developed using HTML, CSS, and JavaScript; backend powered by Django and SQLite.
- Improved scheduling efficiency and minimized human errors during exam allocation.

## SKILLS

**PROGRAMMING** — Python │ Java │ C

**WEB TECHNOLOGIES** — HTML │ Flask

**DATABASE** — MySQL

**SOFT SKILLS** — Problem-solving │ Adaptability │ Communication

**LANGUAGES** — English │ Hindi │ Malayalam

## CERTIFICATES

**Programming in Java – NPTEL**
  Awarded Top 5% of learners nationally, Jul-Oct 2024

**Artificial Intelligence with Python**
  SkillForge │ MSME Govt. of India Recognized, Oct 2024

**The Complete 2024 Web Development Bootcamp**
  Udemy,August 2024

**Foundations of Cybersecurity**
  Coursera, August 2024

## ACHIEVEMENTS

**Coordinator, Teranis 2025**                                                    2025/01 – 2025/02
Led coordination and execution of the College Technical Fest, managing cross-functional teams and event logistics..

**National Service Scheme**                                                      2022/08 – 2024/08
Contributed 200+ hours to social service, community projects, and environmental awareness campaigns.