Shamir Ashraf

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EDUCATION

B.Tech in Computer Science and Engineering | MA College of Engineering, Kothamangalam | *Expected Sept 2026* | SGPA: 7.9

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, C, C++
- **Frameworks & Tools:** Flask, PyTorch, OpenCV, BeautifulSoup, Three.js, MediaPipe, MoviePy, gTTS
- **Domains:** AI, Computer Vision, Automation, Creative Development, Game Mechanics

PROJECTS

Deepfake Detection Bot
ML Developer | *Jan 2025 – Apr 2025*
Technologies: PyTorch, EfficientNetV2, OpenCV, Flask, Google Cloud
- Built a real-time deepfake detection system to enhance media verification.
- Improved model accuracy to 92% and speed by applying problem solving techniques.
- Led a 3-member team integrating cloud APIs and automating detection workflows.
- GitHub: https://github.com/shamiroxs/deepfake-bot

Shamir's Balloon
Creative Developer | *Jan 2025 – Mar 2025*
Technologies: Three.js, WebGL, JavaScript
- Created a 3D game like portfolio, combining creativity with technical skill to boost project engagement via mini-games and QR sharing.
- Enhanced user engagement via dark mode, audio, and downloadable resume.
- GitHub: https://github.com/shamiroxs/shamiroxs.github.io

Lector Audiobook
Automation Engineer | *Dec 2024 – Jan 2025*
Technologies: Python, Tkinter, MoviePy, gTTS
- Automated eBook-to-video conversion, cutting manual editing time by 90% through a custom GUI with seamless narration rendering.
- Demonstrated problem solving and attention to detail to maintain production quality while scaling YouTube content generation.
- GitHub: https://github.com/shamiroxs/lector

ABCD Project (AI Dance Judge)
Vision Developer | *Sep 2024 – Oct 2024*
Technologies: Python, OpenCV, MediaPipe
- Built a real-time dance judging system using pose estimation, showcased at a college tech fest to boost audience interaction.
- Applied creativity to turn motion data into meaningful feedback, while refining visuals for an engaging experience.
- GitHub: https://github.com/shamiroxs/abcd

INTERNSHIP EXPERIENCE

Software Development Intern
InfoTech Prodigy (Virtual) | *Jan 2025 – Feb 2025*
- Built a Sudoku Solver, Web Scraper, and Contact Manager in Python, leveraging logic programming and file I/O concepts.
- Demonstrated adaptability by customizing solutions to fit distinct problem domains.
- Certificate: https://shorturl.at/JnZOF

CERTIFICATES

- AI for Students | NxtWave
- Power BI Workshop | Microsoft Certified Trainer
- MOOC: Ethical Hacking, Business Development
- Link: https://shorturl.at/S12Yc

PROFESSIONAL PROFILES

- GitHub: https://github.com/shamiroxs
- LinkedIn: https://linkedin.com/in/shamiroxs
- Portfolio: https://shamir-ashraf.vercel.app