SHANMUGA AKASH A

• +91 9150763098 • Shanmugaakash.a@gmail.com • www.linkedin.com/in/shanmuga-akash/ • 58/30, Kayathar, Tuticorin.

WORK EXPERIENCE

SmartDV Technologies, Bengaluru   **Sep 2023 – Jan 2024**
Intern - Automation (LIN)   *Bengaluru, India*

- Gained hands-on experience with LIN protocols and Verilog coding.
- Applied LIN advantages to real-world automation projects.
- Demonstrated adaptability, teamwork, and strong problem-solving skills.

IBM, Bengaluru   **Feb 2023 – Mar 2023**
Intern - Python Programming   *Bengaluru, India*

- Completed two-week industrial training at IBM, Bengaluru.
- Gained proficiency in basic Python programming.

EDUCATION

B.E. in Electronics and Communication Engineering   **Aug 2020 – May 2024**
Kongunadu College of Engineering and Technology   *CGPA: 7.89*

Higher Secondary Certification   **Aug 2019 – May 2020**
Sri Jayendra School   *Percentage: 72.3*

PROJECTS

Individual Voice Identification to Vary the Colour of LED

- **Description:** Developed a system using an Arduino board and Geeetech module to perform pre-programmed actions based on secure voice commands. The system changes the color of an LED via Bluetooth based on individual voice identification.
- **Technologies Used:** Arduino, Geeetech Voice Module, Bluetooth, Embedded C.
- **Key Features:** Voice-controlled LED color variation, secure voice recognition, Bluetooth communication.

Personal Portfolio Website

- **Description:** Created a portfolio website to highlight skills, education, and contact information using Web Development techniques.
- **Technologies Used:** HTML, CSS, JavaScript, Figma, Responsive Web Design
- **Key Features:** Responsive design, Figma-based layout, user-friendly interface, cross-browser compatibility.

SKILLS AND CERTIFICATIONS

- **Programming Languages**: Java, Python, HTML, CSS, JavaScript, SQL, Embedded C
- **Frameworks and Tools**: Spring Boot, Figma, Adobe XD, Illustrator (basic), MS Word
- **Certifications**: Java Full Stack Development (QSpiders), Figma for UI/UX Design, Python and Database Management, Communication Networks from NPTEL

AWARDS AND ACTIVITIES

- Semi-Finalist in the **L&T Techgium** event for exceptional project work.
- Achieved a score of **67'** in the **TCS NQT** exam, demonstrating strong problem-solving abilities.
- Contributed to open-source projects on GitHub, focusing on Java-based applications.

ADDITIONAL INFORMATION

Area of Interest: Java Full Stack Development, Web Development, UI/UX Design, Software Engineering

Languages: Tamil (Native), English (Fluent)

Portfolio: portfolio-shanmuga-akash-a

GitHub: github.com/shanmugaakash-a