

# NOORAIN FATIMA N B

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## EXPERIENCE

### Web Developer | Prasunet Company | Bangalore, India | August 2024 -September 2024

- Developed a stopwatch, weather app, and Tic-Tac-Toe game, writing over 200 lines of code per project.
- Implemented a responsive landing page, ensuring compatibility across 5+ screen sizes.
- Enhanced website load speeds by 30% through performance optimizations.

### Intern | Samsung Innovation Campus | Bangalore, India | November 2023 - February 2024

- Integrated sensors and microcontrollers for automation projects, increasing system efficiency by 40%.
- Optimized sensor calibration, improving data accuracy by 15%.
- Reduced processing time by 25% through microcontroller performance tuning.

### Intern | Comedkares Innovation Hub | Bangalore, India | October 2022 - November 2022

- Created an Arduino-powered grain dispenser, boosting efficiency by 30%.
- Designed a heart disease detector with 85% prediction accuracy using biometric sensors.
- Built an obstacle detection system, improving safety within a 2-meter detection range.

## PROJECTS

### Iris Recognition | Cambridge Institute Of Technology | July 2024 - July 2024

- Built an attendance system using OpenCV and machine learning, achieving 95% accuracy.
- Automated facial recognition, reducing manual input by 70%.
- Improved system processing efficiency, cutting response time by 40%.

### Gesture And Voice Controlled Virtual Mouse | Cambridge Institute Of Technology | June 2024 - June 2024

- Developed a hands-free interface using image processing, increasing accessibility by 40%.
- Created gesture recognition algorithms with 95% accuracy.
- Reduced system latency to under 200 milliseconds, enhancing usability.

### Library Database Management | Cambridge Institute Of Technology | February 2024 - March 2024

- Designed a resource management system using Java Swing and MySQL, improving efficiency by 30%.
- Implemented real-time search functions, reducing lookup time by 40%.
- Streamlined resource allocation, accelerating transaction speeds by 20%.

### Pick and Place Robot | Samsung Innovation Campus | November 2023 - February 2024

- Developed a motor control system with Arduino, enhancing automation by 20%.
- Integrated sensors to improve motor movement accuracy by 15%.
- Programmed real-time feedback, optimizing performance by 25%.

### Grain Dispenser and Separator Prototype | Comedkares Innovation Hub | October 2022 - November 2022

- Built a lightweight prototype using Arduino, reducing weight by 30%.
- Integrated vibration sensors, increasing sensitivity by 25%.
- Achieved a 90% satisfaction rate during user testing and trials.

## EDUCATION

### Bachelor Of Engineering In Computer Science | Cambridge Institute Of Technology | Bangalore,India | 2025 | 9.23

### XII | St.Anne's PU College | Minor in PCMB | Bangalore, India | 2021 | 89%

### X | Assisi School | Bangalore, India | 2019 | 83%

## SKILLS

**Languages & Technologies:** HTML, CSS, JavaScript, Python, SQL, MySQL, Arduino IDE

**Web Development:** Front-End Development, Full Stack Development, Responsive Design, Performance Optimization, Web App Development

**Tools & Platforms:** Figma, Git, 3D Design, Version Control

**Personal Skills:** Problem Solving, Team Collaboration, Communication

**Embedded Systems:** Arduino, Raspberry Pi, Sensor Integration