

# JITHENDRA BABU G

## SOFTWARE ENGINEER

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### ABOUT ME

Entry-level Software Engineer with hands-on experience designing, developing, and debugging applications using Java, Python, and JavaScript. Strong foundation in software engineering principles, problem-solving, and writing clean, maintainable code, with familiarity in SDLC practices and version control. Eager to contribute to scalable and reliable software systems while continuously enhancing technical skills.

### WORK EXPERIENCE

#### Nextskill Technologies, Coimbatore - Intern

JULY 2024 – AUGUST 2024

- Developed a personal portfolio website using HTML and CSS with responsive design principles.
- Debugged and optimized UI issues across browsers and screen sizes.
- Followed SDLC practices and documented code changes using version control.
- Collaborated with mentors to improve code quality and maintainability.

### EDUCATION

#### BACHELOR OF TECHNOLOGY IN INFORMATION TECHNOLOGY

OCTOBER 2021 – MAY 2025

University College of Engineering, BIT Campus, Tiruchirappalli  
Grade – 7.76

#### GRADUATION OF HSC

JUNE 2020 – MAY 2021

St. Paul's Matriculation Higher Secondary School, Kovilpatti  
Grade – 92.9

#### GRADUATION OF SSLC

JUNE 2018 – MARCH 2019

St. Paul's Matriculation Higher Secondary School, Kovilpatti  
Grade – 92.6

### PROJECTS & PRESENTATION

#### PORTFOLIO WEBSITE CREATION BASED ON HTML AND CSS

- Designed and developed a responsive personal portfolio website using HTML and CSS.
- Applied clean layout practices, accessibility standards, and modern UI design principles.
- Strengthened frontend debugging and cross-browser compatibility skills.

#### IOT SENSOR DASHBOARD

- Built a real-time IoT dashboard using React.js, Zustand, and Recharts to visualize sensor data.
- Implemented state management and pagination to handle continuous data streams efficiently.
- Improved frontend performance and UI responsiveness for real-time updates.
- Deployed the application on GitHub Pages, demonstrating end-to-end frontend delivery.

#### APPLICATION FOR DRAINAGE MONITORING AND BLOCKAGE DETECTION USING FLUTTER

- Developed a real-time Flutter mobile application to detect drainage blockages using sensor data.
- Implemented data validation and error handling to ensure reliable system behavior.
- Optimized real-time updates for performance and smooth user interaction.
- Designed the application with scalability in mind for cloud-based integration.

### VOLUNTEER SKILL

- Served as Class Representative for four consecutive years, acting as a liaison between students and faculty.
- Coordinated academic communications, schedules, and class-level activities.
- Resolved student concerns by communicating effectively with department staff.
- Developed leadership, communication, and organizational skills through team coordination.

### SKILLS

- |              |            |                      |                   |
|--------------|------------|----------------------|-------------------|
| • Java       | • Python   | • SQL                | • HTML/CSS        |
| • JavaScript | • React JS | • REST API           | • GIT & GitHub    |
| • SDLC       | • Flutter  | • Team Collaboration | • Problem Solving |

### CERTIFICATES

- |                                   |                              |                          |
|-----------------------------------|------------------------------|--------------------------|
| • Google AI Essentials (Coursera) | • AI For Beginners (HP Life) | • SQL (Guvi)             |
| • Java (Guvi)                     | • Python (Guvi)              | • GIT (Guvi)             |
| • React JS (Guvi)                 | • HTML/CSS (Guvi)            | • UI/UX (Great Learning) |