

# Manoj S

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## EDUCATION

### B.E Computer Science & Engineering

07/2021 - 05/2025

Coimbatore Institute of Technology

CGPA - 8.53

## EXPERIENCE

### Associate Software Engineer Intern

01/2025 - present

Informatica [🔗](#)

- Investigated & resolved 30+ complex software/system issues by identifying root cause and contributing to 25% faster technical resolution.
- Collaborated with engineering teams to convert real-world incidents into 10+ actionable improvements, enhancing code stability and reducing recurring bugs.
- Coordinated with CRM and technical stakeholders to optimize issue resolution pipelines, enhancing product stability by reducing critical functional flaws by 20%.

## PROJECTS

### Digi Attend

HTML5, CSS3, JavaScript, Django, Python, MySQL

- Built a system to track the attendance data of 2 communities for educators by the Department Heads and management of leave applications of 2 entities.
- Integrated 3 major modules: Attendance Management, Leave Approvals and historical tracking of messages and responses for leave requests.

### DressUp

MERN Stack, Vite, Tailwind CSS, Gemini API

- Hosted on AWS EC2, enabling shirt-pant matching via color input or image upload with 70% improved user interaction.
- Integrated image analysis, extracting colors from up to 10 images and utilized Gemini API for matching & stored results in MongoDB.
- Configured Nginx reverse proxy with HTTPS by certbot, reducing CORS issues and boosting API response time by 40%.

### EBF Applier

Python, VS Code, GitHub Copilot

- Automated EBF deployment on Informatica Product 360 using Python scripting, leading to a 90% reduction in manual effort and processing time.
- Streamlined file ingestion for 3 core application modules by implementing automated Hotfolder-like configurations, replacing complex Java JAR dependencies.

## SKILLS

**Programming Languages & Frameworks** — Python, Java, Tailwind CSS, Django, React JS

**Tools & Databases** — Visual Studio Code, Git, GitHub, Anaconda, MySQL, MongoDB.

## CERTIFICATES

- Learning Django | [Link](#) [🔗](#)
- Building Modern Projects with React | [Link](#) [🔗](#)
- Oracle Java Foundations | [Link](#) [🔗](#)
- Learning Git & GitHub | [Link](#) [🔗](#)

## ACHIEVEMENTS

### Certified Professional

On Product 360 10.5 of Informatica by completing a comprehensive course and clearing the certification exam.

### Runner

In CODE COMBAT, coding contest organized by FOSS Club of CIT by solving problems on linear DS concept.

### Silver Ranking

Attained the score of 83% in NPTEL certification exam on the course of "Foundation of Cloud IoT Edge ML".