

# Gowtham Raj

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## Education

Motivated 2nd-year B.Tech student in Computer Science and Business Systems seeking internship opportunities to apply programming skills, problem-solving abilities, and business acumen in a dynamic tech environment. Eager to contribute to innovative projects and gain hands-on experience in software development and system design.

## Education

B.Tech in Computer Science and Business Systems

SSM Institute of Engineering and Technology, Dindigul, TamilNadu

Expected Graduation: May 2027

CGPA: 6.1/10 (up to IV Semester)

Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Database Management Systems, Business Analytics, Operating Systems, Machine Learning

## Skills

- Programming Languages: Python, JavaScript
- Web Technologies: HTML, CSS, React
- Databases: MySQL
- Tools: Git, VS Code
- Business Skills: Requirements Gathering
- Soft Skills: Team Collaboration, Problem-Solving, Time Management, Communication

## Projects

### FAIL2BAN SECURITY PROJECT

Fail2ban is a log-monitoring security tool that helps protect linux servers from brute-force attacks, especially on services like SSH, FTP, and web servers. It scans log files and automatically bans ips showing malicious behavior (e.G., Too many failed login attempts).

## Internship

## Network and Network Security Intern

Prompt infotech, Coimbatore, Tamil Nadu | Aug 5,2024 – Aug 9 02024

- Assisted in configuring and monitoring network systems, ensuring secure data transmission.
- Learned basics of firewall setup and intrusion detection using industry-standard tools.
- Supported network troubleshooting, resolving connectivity issues under senior guidance.

## Certificates

- Python | GUVI | Dec, 2023]
- Fundamentals of java programming | Coursera | Dec, 2024]
- Java Features| Infosys | Oct, 2024

## Hobbies

- Competitive Programming, Blogging on Tech Trends, Cricket