



GANESH UPPUTHOLLA

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PROFESSIONAL SUMMARY

Electronics & Communication Engineering graduate with strong expertise in Core Java, OOP principles, Collections Framework, exception handling, and MySQL database integration. Hands-on project experience in network packet routing with solid knowledge of TCP/IP protocols, front-end technologies (HTML, CSS, JavaScript), and strong analytical problem-solving skills.

TECHNICAL SKILLS

Programming Language	Java
Database	MySQL
Client Scripting	HTML, CSS, JavaScript
Version Control	GitHub
Cloud	DevOps
Methodologies	Agile
Networking Concepts	TCP/IP, Routing, Switching, Troubleshooting

ACADEMIC PROJECT

Design and Implementation of TCAM Network Packet Routing

- Designed and implemented a TCAM-based approach for high-speed network packet routing. Studied TCAM memory architecture for efficient lookup operations.
- Analysed packet forwarding mechanisms and routing behaviour in networks.
- Improved understanding of data transmission and wireless communication concepts.

PROGRAMMING PRACTICE & PROBLEM SOLVING

- Solved 170+ algorithmic and logical programming problems on the TAI learning platform using Core Java, strengthening skills in OOP concepts, control structures, collections, and problem-solving techniques.

EDUCATION

B. Tech – Electronics & Communication Engineering (2020 – 2024),

Golden Valley Integrated Campus, Madanapalle, Andhra Pradesh - **Percentage:** 75%

Intermediate (MPC) (2018 – 2020)

NRI Junior College, Tirupati, Andhra Pradesh - **Percentage:** 78%

Class X (2017 – 2018)

Z.P. High School, G.K. Rachapalle, Andhra Pradesh - **Percentage:** 88%

CERTIFICATIONS

- Agile Methodology Virtual Experience – Cognizent
- Software Development Internship – Vidgane