

P.N.JANANI

☎ (+91) 9704123524

@ jananisai1217@gmail.com

📍 Andaman and Nicobar Islands, India

in pnjanani

🔗 Janani1217

EXPERIENCE

Software Engineer, QUALCOMM

📅 Dec 2021 – Present

📍 Hyderabad

- Designed and developed a high-performance module in Bluetooth transport, for enhanced data transfer speed and low latency for the new chip sets.
- Worked on Bluetooth specification 5.3 and 5.4 releases for the year 2022 and contributed to the development of stack modules in Bluetooth technology.
- Effectively handled bug fixes and addressed optimization issues in newly released vendor and system targets, ensuring smooth integration and compatibility.

Software Engineer, PAYTM

📅 June 2021 – Dec2021

📍 Noida

- Worked on UI platforms for Paytm, managing transactions records of Zomato.
- Experience in back end app development and integration of real time products
- Worked on customized report automation for million ok merchants and reconciliation of gateways at Paytm
- Created a micro service that included saving files after consumption from Kafka into DB on respective servers, along with implemented web services for this module to search and bulk downloading of transaction reports.

Software Engineering Intern, PAYTM

📅 Dec 2020 – May 2021

📍 Noida

- Enhancement in UI using Restful APIs for merchant settlement report to increase responsiveness by 20 percent
- Developed a fullstack e-commerce project using reactjs and nodejs supporting mysql database

Assistant System Engineer, TCS

📅 June 2017 – July 2018

📍 Chennai

- Proposed optimization fixes for Bank of Montreal project
- Worked on MySQL databases and integration in the back-end

EDUCATION

Indian Institute of Information Technology, (IIITA)
Allahabad

M.Tech in Information Technology

📅 Aug. 2019 - June. 2021

📍 Allahabad, India

- CGPA - 8.67

Gandhi Institute of Information Technology And
Management, (GITAM) Visakhapatnam

B.Tech in Computer Science and Engineering

📅 Aug. 2013 - June. 2017

📍 Visakhapatnam, India

- CGPA - 8.75

SKILLS

Back-end Technologies

C , C++



Java



Operating Systems



Advanced Data Structures



Advanced Algorithms



Database Management



MySQL



System Design



HTML, CSS



JavaScript



PROJECTS

Memory Leak Detector : Garbage Collector

- Implemented a library for C/C++ used for memory management to detect leaked heap objects and reduced memory wastage.
- This library acts as middleware between application and OS, keeps track of all heaped objects created throughout the application and finally displays the leaked objects to user.

Chat Application using Linux IPC mechanisms

- Implemented a Client-Server application with various IPC mechanisms that was used to perform mathematical operations.
- IPC Techniques implemented : Unix Domain Sockets , Message Queues and Shared Memory based on user requirements.
- Also, simulated 6 node topology that implemented Network socket communication which can be used for Distributed Networking

Full Stack e-commerce Application

- Built a full stack application with React JS front-end and Spring Boot back-end that dealt with CRUD operation over products along with searching of product by category and keywords.
- Added shopping cart status component with CRUD over it for good UI experience.

Programmable Finite State Machine

- Designed a robust library to implement FSM for any application without using third party libraries
- This library can be used for applications that requires pattern matching, form validations and binary operations.