



Amjed Parvaiz

Roll No.:200101014

B.Tech - Computer Science and Engineering

Indian Institute Of Technology, Guwahati

+91-6006714093

p.amjed@iitg.ac.in

amjedparvaiz1@gmail.com

github.com/Gorsi123

[linkedin.com/in/amjed786](https://www.linkedin.com/in/amjed786)

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Indian Institute of Technology, Guwahati	6.28 (Current)	2020-Present
Senior Secondary	CBSE Board	92.0%	2020
Secondary	CBSE Board	74.4%	2018

PROJECTS

- Blog-Share** Dec. 2022
Personal project github.com/Gorsi123/CodeBlog
 - Crafted a **MERN stack** authenticated web app that enables code exchange and insights sharing on **coding concepts**.
 - Designed a polished **UI** using **React.js** with Styled Components. Facilitates uploading blogs on **programming**, editing of blog for owner of blog, integrated **HTML editor** accessible only to **registered** users.
 - Developed backend functionality using **Node.js** for crafting **CRUD** operations on **MongoDB**. Implemented secure authentication using **JWT** and **Bcrypt**.
- Terminal chat application** July 2022 - Nov 2022
(Course project (CS342) under Prof. Manas Khatua, CSE Department, IITG) github.com/Gorsi123/Terminal-chat
 - Built a terminal chat Application with support of different chatting rooms using **socket programming**.
 - Initiated server on specified port via **TCP socket binding** and **listening**.
 - Employed **forking** mechanism for parallel client requests handling.
 - Dynamically allocated **UDP ports** for efficient communication using **bind**.
 - Orchestrated seamless **TCP to UDP transition** for data exchange with client.
- Perceptor-AI** june 2023
Personal project github.com/Gorsi123/perceptor-ai
 - Engineered a web application utilizing **ReactJS** and **Node.js**, with strong **authentication**.
 - It Enables **code translation** (from one coding language to other), **generation** (on some topic in a language), **dynamic paragraph creation** (on any topic) and **Chatting with AI** through external **API integration**.
- QuizBee** june 2022
Personal Project github.com/Gorsi123/QuizBee
 - Crafted a frontend application using **HTML**, **CSS**, **JS** for a good looking UI .
 - Established asynchronous communication with **external APIs** to dynamically fetch questions across various topics.
 - It also Provides detailed feedback on questions, enhancing user experience.

TECHNICAL SKILLS

-**Programming:** C, C++, JavaScript, Python*, Java*

-**Web Technologies:** SQL, HTML, CSS, Javascript, NodeJS, ReactJS, MongoDB

-**Tools/Frameworks:** Express, Git, GitHub, VS Code

-**Operating Systems:** Windows, Linux*

* Elementary proficiency

KEY COURSES TAKEN

-Data Structure and algorithms (Theory + Lab)

-Operating Systems (Theory + Lab)

-Implementation of Programming Languages Lab

-High Performance Computing

-Database Management System (Theory + Lab)

-Computer Networks (Theory + Lab)

-Machine Learning

-Software Engineering (Theory + Lab)

-C Based VLSI

-Computer Architecture and Organisation

ACHIEVEMENTS

-**Navodaya Dakshana Selection Test (NDST) 2018-20:** Selected from India's **top 1%**, gained a coveted chance for **two-year free JEE-Advance prep**.

-**Competitive Programming:** Secured 1710 rank in contest among 19k people's on Codeforces.

[amjed786](#)

EXTRA CURRICULARS

- **IITG Volleyball Club**, Involved as an active member of the **IITG Volleyball Club**.

2022 , 2023

- **Spardha**, Participated in an **inter-hostel sports competition** (got **silver medal** in weightlifting).

2022 , 2023

- **State-Coordinator**, of Jammu and Kashmir in Dakshana Selection Test.

June 2021