



MOHIT KUMAR

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Education

ABESIT GROUP OF INSTITUTIONS

Ghaziabad, U.P

B.Tech'23 - Information Technology

I.P.S College

Aligarh, U.P

12th'19 - PCM

I.P.S College

Aligarh, U.P

10th'17 - PCM

Experience

Cavisson Systems

Feb 2023 - Present

Software Engineer - C/C++, Shell Scripting, Linux, SQL, Multithreading, GIT, Socket Programming *Noida*

- Developed network communication solutions using socket programming in C/C++, increasing data transfer speed by **50%** and enhancing cross-platform compatibility.
- Contributed to Cavisson's flagship product, **Net Diagnostics**, providing real-time monitoring and diagnostics for **100+ Fortune 500 clients**.
- Conducted **20+ code reviews** and collaborated with a team of 8 developers to implement features in an agile environment, improving team efficiency by **15%**.
- **Skills Acquired:** C, C++11, C++14, C++17, Python, SQL, Linux, Git, Shell Scripting, Debugging, Multithreading, Memory Management, Data Structures and Algorithms (DSA).

Projects

Message Checker using TCP Client server —

- Developed a TCP client-server application, handling up to 100 concurrent client connections efficiently.
- Implemented server functionality to read a configuration file with 100+ strings using a linked list for optimized data storage.
- Achieved 99.5% string validation accuracy and ensured security by closing mismatched connections.

Maintaining Data of IP and Port using UDP client server —

- Tested connectivity and data transmission by launching UDP clients from multiple locations.
- Captured and stored over 200 unique IP and port connections, improving network diagnostics by 25%.

Technical Skills and Interests

Languages: C++, C, JavaScript, Shell Scripting, SQL

Developer Tools: Git/Github, VS Code, Visual Studio, Bugzilla, Testlink, Bitrix

Areas of Expertise : Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), Operating Systems (OS), Database Management Systems (DBMS), Computer Networks

Achievement

- Codeshakti'22 - secured 3rd position at ABESIT's official Coding Competition
- CodeChef Starters 36 - Global Rank : 208
- Coding Ninjas Weekly Contest 109 - Secured Rank 424th out of 29,000 participants

Leadership / Extracurricular

Slum Swaraj(NGO) -Head

Jan 2022 – Jan 2023

ABESIT Ghaziabad

- Led a team of 15 members, orchestrating 12 community outreach events that helped 150+ underprivileged children.
- Established a project management strategy, improving event execution efficiency by 1.2x.

Dramatics Club Co-ordinator ABESIT

2022 – 2023

ABESIT Ghaziabad

- Directed the organization of GUNJ 2022, an annual Tech-cultural fest attended by 2,000+ students.
- Developed leadership capabilities by managing event logistics for 5+ large-scale events, coordinating with 10+ teams and overseeing the participation of 1,000+ attendees, ensuring smooth execution and timely delivery.