

# Moukhik Gupta

Adaptable Software Engineer with strong problem-solving skills and a collaborative mindset. Proficient in cutting-edge technologies, delivering innovative solutions to drive business success

+91-8168350531

✉ moukhikgupta5@gmail.com

🐙 GitHub Profile

🌐 LinkedIn Profile

## EDUCATION

- **Thapar Institute of Engineering and Technology, Patiala** 2020-24  
Bachelor of Technology in Computer Engineering CGPA: 9.32
- **Shri Baba Mastnath Public School, Rohtak - Senior Secondary** 2020  
Central Board of Secondary Education(C.B.S.E) Percentage: 95.2
- **Shri Baba Mastnath Public School, Rohtak - Secondary** 2018  
Central Board of Secondary Education(C.B.S.E) Percentage: 96.6

## EXPERIENCE

- **Software Engineer Program Intern** June - July 2023  
JPMorgan Chase & Co Bangalore
  - Developed a GUI in React.js for a critical widget used directly by the business team, improving user experience.
  - Successfully migrated legacy entitlements to new strategic entitlements in the backend(Java Spring Boot), enhancing system security and access control for the widget feature.
  - Worked effectively in a team environment, actively participating in meetings and contributing to project discussions.
- **Research Intern** Sep 2022 - June 2023  
Samsung Prism Remote
  - Utilized transfer learning from TensorFlow Zoo models to develop deep learning model to detect region of interest from images and predict e-commerce products.
  - Successfully prepared a labeled dataset comprising 1500 images encompassing diverse e-commerce products.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C/C++, Python, Javascript, HTML+CSS

**Framework & Libraries :** ReactJs, Nodejs, Django, Flask

**Web Dev Tools:** Npm/Yarn, VScode, Git, Github

**Cloud/Databases:** MongoDB, Firebase, Relational Database(PostgreSQL), AWS

**Relevant Coursework:** Data Structures & Algorithms, Object Oriented Programming, Operating Systems, Database Management System, Computer Networking, Software Engineering.

**Soft Skills:** Problem Solving, Self-learning, Team work Presentation, Adaptability

**Interests:** Web Development, Machine Learning, Competitive Programming, Financial & Derivative Markets

## PROJECTS

- **Hostel Cleaning Management System: Ding-Dorm**  
A web application through which hostel residents can request room cleaning services, build using ReactJs, NodeJS & PostgreSQL.
  - Implemented real-time notifications to alert the cleaning staff about pending cleaning requests.
- **Twosome Conundrum**  
A murder mystery event website, "Twosome Conundrum" as part of IIChe TIET's organizational activities.
  - Implemented main features allowing participants to request clues, and the admin to grant access to specific clues.
  - Effectively hosted the frontend and backend cloud parts on different platforms, showcasing proficiency in server-side setup and deployment.
  - Utilized technologies such as Node.js, MongoDB, React.js, and Mongoose to deliver a seamless user experience.
- **Medical Insurance Cost Predictor**  
A web application to predict medical insurance costs based on client details using Flask, a Python web framework.
  - Implemented a machine learning model in Python to analyze client information, including age, sex, and other relevant features, to provide accurate cost predictions.
  - Collaborated with a team to design and deploy the web application, emphasizing user-friendly interface and efficient model predictions.

## POSITION OF RESPONSIBILITY

- **Technical Head** Indian Institute of Chemical Engineers TIET Sep 2022 - May 2023
  - Organized and managed various events, including technical workshops, recruitment, and Twosome Conundrum.
  - Demonstrated exceptional leadership and teamwork abilities while effectively managing a diverse team of 70+ members, delegating responsibilities, and fostering a collaborative environment.