Moukhik Gupta

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

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 Banglore
- Developed a responsive GUI in React.js for a critical widget used directly by the business team, improving user experience and streamlining workflow.
- Collaborated closely with backend service teams to ensure seamless integration and data flow between the GUI and backend systems in the cloud environment
- 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 a cutting-edge deep learning model to detect regions of interest from images and predict e-commerce products.
- Successfully prepared a comprehensive dataset comprising 1225 training images (80%) and 158 test images (20%) encompassing diverse e-commerce products, meticulously labeled for accuracy.
- Collaborated with a talented team to brainstorm and implement innovative solutions, achieving enhanced accuracy and efficiency in the model predictions.

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(MySQL), AWS
Relevant Coursework: Data Structures & Algorithms, Object Oriented Programming, Operating Systems, Database Management System, Software Engineering.
Soft Skills: Problem Solving, Self-learning, Team work Presentation, Adaptability
Interests: Web Development, Machine Learning, Competitive Programming, Financial & Derivative Markets

PERSONAL PROJECTS

•**Twosome Conundrum** *Jan 2023 - Feb 2023*

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** *Apr 2022*

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.

POSITIONS OF RESPONSIBILITY

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