

# Shivam Gupta

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[in](#) [O](#) [G](#)

## WORK EXPERIENCE

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- **Teaching Assistant - Coding Blocks** New Delhi, India  
Aug 2023 - Nov 2023
  - Mentored students and resolved queries during the cohort.
  - Involved in designing and reviewing the curriculum for the MASTER in DSA using JAVA courses.

## EDUCATION

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- **Guru Gobind Singh Indraprastha University** New Delhi, India  
2021 - 2025
  - *B.Tech - CSE; CGPA: 8.5*

## SKILLS

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- **Technical Languages and Libraries:**  
Java, MERN Stack, MySQL, Python, C++
- **Technical Knowledge:**  
Object oriented programming, Data Structures, Algorithms design, Problem solving, Web Development, Machine Learning, DBMS
- **Soft Skills:**  
Time Management, Event Management, Team Oriented Personality, Adaptability, Critical thinking

## PROJECTS

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- **IndiTranslate** [🔗](#):  
IndiTranslate, employs **HTML, JavaScript, CSS, Python and Flask** to seamlessly translate text, audio, and images through Google API. Breaking language barriers, it fosters global communication and enhances inclusivity in an interconnected world.
- **ColorPicker** [🔗](#):  
Simplify your design process with Color Picker! This powerful extension allows developers and designers to quickly pick any color from their screen and instantly retrieve its hex code. Perfect for web development, graphic design, and any project requiring precise color matching. Enhance your workflow with ease and accuracy.
- **DevHelper** [🔗](#):  
Boost your productivity with Dev Helper! This essential extension provides developers with instant access to Stack Overflow, GitHub, MDN, and CSS-Tricks, all from one convenient location. Save time and streamline your workflow with quick links to your favorite coding resources. Perfect for developers of all levels looking to enhance their coding efficiency.
- **Medium** [🔗](#):  
Developed the **clone for the Medium webApp** with the aim to learn frontend for the website.
- **Medical Insurance Premium Prediction** [🔗](#):  
Developed a web application using **Machine learning and Python** for predicting medical insurance premiums based on user-inputted basic details. Ensuring interactivity and user-friendliness.
- **CreditCardClustering** [🔗](#):  
Implemented a customer segmentation model using **K-means and Agglomerative Clustering** to analyze credit card spending behavior. Preprocessed data by handling missing values and normalizing features. Evaluated cluster quality with silhouette scores and visualized results to inform targeted marketing strategies. Utilized **Python, Pandas, Scikit-learn, Matplotlib, and Seaborn** for the project.

## CERTIFICATIONS

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- **DSA in JAVA from Coding Blocks:** 05/2022 - 12/2022
- **Full Stack Web Development from Coding Blocks:** 12/2022 - 08/2023
- **Data Science and Machine Learning:** 08/2023 - 04/2024
- **Participation in SIH Hackathon:** 2023