

GAURAV SHARMA

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WEBSITE

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in gaurav-sharma42

WORK EXPERIENCE

JP Morgan Chase & Co.

May 2021 – Jul 2021 and July 2022 - Present

- Worked on major project in setting up **AWS EKS** cluster to run apps from start to finish
- The project included various **AWS services** along with **Terraform** and **Kubernetes**
- Integrated application with **Datadog** and **Splunk** and improved the stability of the system.
- Runner up in **Sepathon** and also participating in global hackathon to help **NGO Force for Good**

Mumbai Vikas Samiti

Nov 2020 – Jan 2021

- Developed the **GUI** for **BMC** which would call and notify people when garbage truck arrives at the location using **Android Studio**.
- Currently in **testing phase** in 2 localities.

Special Bharat Olympiad (NGO)

Aug 2020 – Sep 2020

- Launched a web app for disabled children.
- Initial launch receiving great success with around **25 children**.
- Project was implemented using **Mongodb** and **NextJS**.

HACKATHONS

Code for Good

- Implemented a web app for **Sight and Life** NGO to help manage supply and demand of distribution of eggs around the world.
- Created a **ML model** using **LSTM** to predict future demands and supplies with **68% accuracy** and created graphs for such in span of 12 hours.
- Secured **4th position** out of 7 teams of similar problem statement.

Smart India Hackathon

- Developed an application to **identify sexual Predator** with **72% accuracy**.
- Used **linear regression** to create the **ML model** along with **Django** for the frontend".
- Secured **17th position** out of 30 teams.

EDUCATION

B.Tech in Electronics and Telecommunication Engineering

Veerмата Jijabai Technological Institute

Aug 2018 – May 2022

Mumbai, India

TECHINICAL PROJECTS

Thinkbrew

- A **self hosted blog** created using **Ghost** with servers running on **eC2 instances**.
- Had **30+ members** subscribed who receive content weekly.

Community of Coders

- Developed and launched the website for the community.
- Currently having **50+ members** subscribed who receive notifications of events via mail.

Electric Vehicle and their Commercial Charger Demand

- Implemented **Time series Analysis, ARIMA and SARIMAX** model to predict rise of Electric cars in US states.
- The states where installing EV chargers would be **most profitable** were projected using the data and business reasoning.

IRI- Virtual Assistant

- A virtual assistant capable of conversation, following basic commands and sending emails.
- The project was made using **Python** and had **Speech Recognition** google APIs.

SKILLS

- Web** : ReactJS, Redux, Node.js, Mongodb, Firebase, Springboot, SQL, Flask, Django, HTML5, CSS
- Programming languages** : JavaScript, Python, Java, LaTeX, C++, Bash
- Softwares Tools** : VS Code, JetBrains IDEs, Postman, Git, Jupyter, Docker, Git, Linux shell utilities, Vim, Pandas, NumPy, Matplotlib
- Languages** : English, Hindi, German

EXTRA CURRICULAR

Core member of "Community of Coders"

- Developed and launched the initial website.
- Mentored 4 teams** into making various projects as part of Inheritance project. It included projects on **Django, Web-scraping and Flutter**.
- Mentored juniors by taking lectures, workshops, and reviewing their code on **GitHub**.

Online Listener at 7 cups

- Helped **1000+ people** as an online therapist on 7 cups.