

Chinmay Garud

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EDUCATION

- Indian Institute of Technology Guwahati** Guwahati, India
 - Bachelor of Technology - Civil Engineering* July 2017 - June 2021
 - Courses: Pattern Recognition and Machine Learning, Traffic Data Engineering, Statistical Methods in Civil Engineering, Python Bootcamp, SQL for Data Analytics and Business Intelligence*

SKILLS SUMMARY

- Languages:** Python, Ruby, SQL, JavaScript, Shopify Liquid, HTML
- Tools:** Rails, Postman, Tableau, Scikit-Learn, Pandas, Numpy, Docker
- Misc.:** Agile methodology, Jira, SAP2000

EXPERIENCE

- Techigai Pvt. Ltd.** July 2022 - Present
 - Software Engineer*
 - Created the shipment module of **Magento Commerce** client integration using **REST APIs**, reducing the shipment creation delay by **99.95%**
 - Sole project resource to extensively work on integration with **Magento**.
 - Designed and developed **Salesforce integration** from scratch for sales and inventory management. Created a new **base module** for e-commerce operations.
 - Built a Skill Tracking app for **internal resource management** using decoupled architecture. Engineered features and designed database schema for the initial prototype.
 - Coordinated five developers to document code repositories and write tests in **Rspec**.
- Associate Software Engineer* June 2021 - July 2022
 - Designed features and implemented bugfixes using **Ruby on Rails** backend, **MySQL** and **Sqlite3** databases, and **HTML**, **Shopify Liquid** frontend, for an Australian E-Commerce and ERP giant.
 - Developed custom features for vendor-supported **E-Commerce** platform used by **400+ businesses** integrating all business aspects in a single web application.
 - Proposed solutions for complex business problems and critical bugs in bi-weekly client scrum.

PROJECTS

- Purchase Behaviour Analytics:**
Developed a **Price Prediction** model by analyzing *Customer Demographics* and product categories to interpret spending behaviour. Predicted purchase price helps personalize offers for customers.
- Retail Sales Prediction:**
Built an **XGBoost** model to predict sales of a particular outlet on 8500+ transaction records of BigMart Retail selling 1500+ different products.
Performed **Feature Engineering** using **Numpy** and **Scikit-Learn** to impute missing values(numeric & categorical), encoding categorical data and determining service period of stores.
- Seismic Response Prediction of Fixed and Base Isolated Structures:**
Prof Sajal K. Deb, Dept. of Civil Engineering, IIT Guwahati
Prof Vasant Matsagar, Dept. of Civil Engineering, IIT Delhi
Numerical investigation of seismic behaviour and non-linear time history analysis of the simulated response of **50 seismic activities** to predict the Seismic Response on fixed and base-isolated structures.

LEADERSHIP EXPERIENCE

- Techniche - The annual Techno-Management Festival of IIT Guwahati** Sept 2019 - Sept 2020
 - Head, International Events*
 - Led a team of **250+** students to organize India's first-ever **Virtual Techno-Management Fest**.
 - Supervised the ideation, planning & execution of 10+ national and international competitions under **TechOlympics, Robotics, Corporate & Workshops**.
 - Conceptualized the online execution of **TechExpo**, the innovation exhibition-cum-competition providing **mentorship and incubation** to **50+ students** pan India.
 - Organized **Muskaan, a social initiative** for the upliftment of underprivileged children.
- Core Team, Workshops* Sept 2018 - Aug 2019
 - Co-headed a team of 9 to plan & conduct 14 workshops across various tech and management avenues.
 - Partnered with five enterprises** to deliver an interactive learning experience
 - Generated revenue of **INR 21L+**, achieving a record **1500+** participation.
 - Coordinated online and physical promotions via **presentations in schools and colleges**.
 - Oversaw **General Championship** management for schools in **Guwahati Half Marathon 2019**