MEGHA CHANDRA SHEKAR

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EDUCATION

Masters in Data Science — 2023 Feb – 2024 Nov, Melbourne, Australia

RMIT University

Postgraduate Coursework: Database Concepts ;
Practical Data Science with Python ; Applied Analytics ;
Advanced Programming for Data Science ;
Programming Fundamentals ; Time Series Analysis.

Bachelor's in Computer Science — 2018 Aug – 2022 Nov, Bangalore, India

SVCE

Undergraduate Coursework : Operating Systems ; Databases ;
Algorithms ; Computer Architecture ; Calculus III.

- **CGPA** : 8.24

PROFESSIONAL EXPERIENCE

Student Ambassador ⧉ — 2023 Jun – 2023 Nov, Melbourne, Australia

RMIT University

- Strengthened my professional network and communication skills through collaborative teamwork, enhancing my ability to effectively convey ideas.

Associate Software Engineer ⧉ — 2022 Oct – 2023 Jan, Bangalore, India

Ernst & Young

- Completed a comprehensive training program, delivering a top presentation on the LinkedIn Data Breach and gaining proficiency in developing robust, scalable APIs using the .NET framework.

Engineer Intern ⧉ — 2022 Aug – 2022 Oct, Bangalore, India

RedBlackTree

- Completed the Mendix Rapid Developer Certification course, gaining the knowledge and practical skills necessary to leverage the Mendix platform for application development.

Software Engineer Intern ⧉ — 2022 Apr – 2022 May, Bangalore, India

Bharat Electronics Limited(BEL)

- Gained expertise in using Camunda BPMN and DMN process modeler, as well as Workflow Engine for task automation, enhancing project workflow efficiency. Led development of real-time incident reporting automation, ensuring instant notifications to hospitals and police stations via email or message integration.

Campus Ambassador ⧉ — 2020 Mar – 2020 Jun, Bangalore, India

GirlScript Summer of Code

- Engaged in a three-month open-source program, enhancing technical skills along with teamwork, effective communication, and proficient project management.

SKILLS

| Programming Languages	Tools	Databases	Platform	ML Libraries and Frameworks	Soft Skills
• Python	• git/GitHub	• MySQL	• Windows	• Numpy	• Communication
• C				• Pandas	• Teamwork
• Java				• Matplotlib	
• CSS					
• R					

LANGUAGES

English   (IELTS : 6.5) | Kannada

AWARDS

Google Cloud Platform ⬈   2020
Qwiklabs
- Engaged with Qwiklabs, an online learning platform offering interactive courses and hands-on labs focused on the Google Cloud Platform.

Paper Presentation ⬈   2019
UDYUKTA 2K19
- Developed an artificial intelligence-based chatbot using a Sequence-to-Sequence model, which underwent a Turing Test evaluation.

Youth Talk ⬈   2019
ICT Academy
- The popularity of junk foods primarily stems from marketing strategies. This project aims to raise awareness, empower young people, and inspire them to opt for healthier choices, even when dealing with compelling advertisements.

COURSES

Data Science BootCamp - From Analysing Data To Creating ML Models ⬈   2024
GeeksforGeeks
- The Data Science Bootcamp equipped me with both basic and advanced skills in various tools and technologies essential for Data Science, Data Analysis and Machine Learning.
- It provided comprehensive training, giving me hands-on experience with key tools and technologies, including Python and Machine Learning concepts.

Introduction to Python ⬈   2020
DataCamp
- Explored the fundamentals of Python programming, including essential concepts such as data types and object-oriented programming principles. Additionally, gained proficiency in utilizing libraries such as NumPy, pandas, matplotlib, and seaborn for data manipulation, analysis, and visualization.

Google Analytics for Beginners ⬈   2020
Google Analytics Academy
- Acquired fundamental knowledge and skills essential for proficient utilization of Google Analytics, encompassing understanding of key metrics, data interpretation, tracking implementation, and report generation.

PROJECTS

Final Year Project : Empirical Analysis for Crime Prediction and Forecasting using Machine Learning and Deep Learning Techniques ⬈   2022

- Utilized XGBoost, Decision Tree, Logistic Regression, and MLP to predict future crime types from the Chicago dataset based on location, time, weather, and historical crime data, achieving accuracy rates of XGBoost (92%), Decision Tree (89%), Logistic Regression (87%), and MLP (86%).

To predict the price of a house using Boston Data Set ⬈   2021

- Implemented a machine learning model in Python to predict house prices using the Boston Data Set, leveraging techniques such as regression analysis and feature engineering for accurate price estimation.

Snake And Ladder Game ⬈   2021

- Developed a Snake and Ladder game using HTML, CSS, and JavaScript, integrating interactive gameplay mechanics for an engaging gaming experience.

Card Guessing Game ⬈   2021

- Created a card guessing game using HTML, CSS, and JavaScript, featuring 10 cards numbered from 0 to 9, with scoring functionality that increments by 1 for each matching card and includes game over conditions for unmatched card selections.