SHRENIK JAIN

shrenikkjain81@gmail.com +919657096852

SKILLS

- **Programming Languages:** Python, C, C++, Java, Javascript, Julia, MATLAB, Embedded C
- **Concepts:** Data Structures, Algorithms, Operating Systems, Object-Oriented Design/Programming
- **Tools & Databases:** MySQL, Oracle, IBM Db2, Git, Shell Scripting, Unix Systems
- **Machine Learning:** Tensorflow, Keras, Scikit Learn, OpenCV, Natural Language Processing
- **Interpersonal:** Team Management, Leadership, Public Speaking, Teamwork

EXPERIENCE

Content Writer, Exa Mobility **(July 2020 - October 2020)**

- Spearheaded the research and development of website content along with senior team members, boosting the website traffic by ~15%.
- Headed, enhanced, and overhauled all content aspects for Exa's mobile application.

Content Writer, Shinobi Brands **(June 2019 - Aug 2019)**

- Proactively identified and resolved gaps in the content development support structure and improved workflow processes.
- Operated with strategic planners, business owners, and other creative team members to conceptualize, devise and produce brand stories.

EDUCATION

Vishwakarma Institue of Information & Technology, Pune, India **(June 2018 to Present)**

Bachelor of Technology (BTech) in Electronics & Telecommunication

C.G.P.A. - 9.40

Coursework

- **Mathematics -** Multivariable & Vector Calculus, Differential Equations, Probability & Random Processes
- **Computer Science -** Data Structures and Algorithms, Design and Analysis of Algorithms
- **Electrical Engineering -** Signals & Systems, Digital Signal Processing, Information Theory, Control Systems, IoT
- **Machine Learning -** Artificial Neural Networks, Machine Learning

S.M. Choksey Junior College, Pune, India **(June 2016 to March 2018)**

Senior Secondary (HSC)

Percentage - 86.62%

The Bishop's School, Pune, India **(June 2004 to March 2016)**

Secondary (ICSE)

Percentage - 94.00%

CERTIFICATIONS & PROJECTS

- **Deep Learning Specialization** (Deeplearning.ai)
- **Tensorflow in Practice** (Deeplearning.ai)
- **AI Classroom** (Microsoft)
- **Artificial Intelligence** (Dell Technologies)

Sales Predictor (Time Series Analysis/ARIMA/LSTM)

- A Tensorflow implementation undertaken to predict future sales using historic data of ten stores.
- Used three various models: Linear Regressor, ARIMA, and RNN for prediction and compared their performances using MAE and RMSE metrics.

Melody Generator (Python/Scipy)

- Built a virtual piano with its very own octave, using the base frequency of a single note.
- Synthesized 4 to 5 tunes using the octave of the virtual piano and python's SciPy and NumPy libraries.

Kindergarten Learning Software (C/Graphics)

- A Learning-Based Project which imparts knowledge about Alphabets, Numbers, and Shapes.
- Convenient to help children learn more about the building blocks in an entertaining way.
- It is programmed in C, primarily using its graphics library.