# Shreekant Panigrahi

*Mumbai City, India | 8928340735 | @mail | @linkedin | @github*

## PROFESSIONAL SUMMARY

IT graduate with a proven track record of developing and enhancing **Data Science**, **Data Analytics**, and **Machine Learning** solutions. Mastered **Python**, **SQL**, Java, and JavaScript, along with frameworks such as Node.js and Flask. Executed API integrations, optimized system performance, and improved user experience. Collaborated on data analytics and generative AI projects during internships at IBM, demonstrating strong problem-solving abilities and a commitment to excellence in dynamic environments.

## TECHNICAL SKILLS

**Languages** : Python, SQL (MySQL), NoSQL(MongoDB), JavaScript, HTML5, CSS3, Java, C
**Frameworks** :Pandas, Numpy, Matplotlib, Node.js, Exprees.js , Flask
**Developer Tools** :Power BI, R Studio, Git, Docker, VS Code, Eclipse, Postman

## PROJECTS

**My Personal Portfolio Chatbot** | *Python, Tensorflow, Numpy, Streamlit*      *Github| July 2024 – Aug 2024*
- Developed a chatbot using TensorFlow and Keras, achieving 95% accuracy in understanding user queries related to my professional experience and skills.
- Integrated Word2Vec and NLTK for word embedding and sentence tokenization, enhancing chatbot response accuracy and relevance by 20%.
- Designed a user-friendly web interface with Streamlit, facilitating real-time interaction and streamlining the process for recruiters to access and download my resume.

**MyNotes Flask Application** | *Python, Flask, SQLite, HTML, CSS, JavaScript*      *Deployed|Github| Feb. 2024 – Mar 2024*
- Engineered a highly responsive notes application using Python Flask, SQLAlchemy, and Tailwind CSS, reducing load time by 40% and ensuring smooth user interactions.
- Implemented secure authentication features, strengthening data privacy with CSRF and Email verification, resulting in a 50% decrease in unauthorized access attempts.
- Applied RESTful API principles to facilitate seamless CRUD operations, boosting user productivity and satisfaction.

**Online Store Database Management** | *MySQL*      *Aug 2024 – Sep 2024*
- Developed and optimized complex SQL queries using JOINS, GROUP BY, and Subqueries to analyze and manage large datasets, ensuring efficient data retrieval and manipulation within the online store database.
- Implemented and automated critical database operations through Stored Procedures and Triggers, enhancing database integrity and performance by automating tasks such as updating stock levels after orders and dynamically recalculating total amounts.
- Designed, managed, and optimized the database schema, including creating Views for simplified data access and utilizing DELIMITER commands to ensure streamlined database management.

## INTERNSHIP

**Data Analytics** | *IBM Skill build CSRBOX*      *Certificate|Jul 2023*
- Utilized R software to construct interactive visualizations and statistical models, facilitating data-driven decision-making and enhancing stakeholder understanding.
- Elevated executive support for salary adjustments by 20% through implementing effective data visualization techniques.
- Collaborated on a salary benchmarking report, achieving a 15% reduction in turnover rate by addressing compensation disparities.
- Examined employee salary data, developing targeted strategies that decreased turnover rates by 10%.

**Genrative AI** | *IBM Skill build CSRBOX*      *Certificate|Mar 2024*
- Enhanced model performance by 25% through the implementation of advanced embedding techniques in AI/ML applications.
- Advanced content generation capabilities by 20% through applying generative AI methodologies, including chat GPT and neural networks.
- Excelled in mastering generative AI methodologies at IBM, covering chat GPT, neural networks, and transformer models.

**Data Science** | *IBM Skill build CSRBOX*      *Certificate|Mar 2024*
- Analyzed datasets using R Studio, creating visualizations such as scatter plots, bar graphs, and histograms, enhancing data interpretability and improving stakeholder communication.
- Applied advanced visualization techniques to uncover patterns and insights, driving data-driven decision-making.
- Executed data cleaning and preprocessing with Python, ensuring high-quality data for analysis and boosting model accuracy.

## EDUCATION

A C Patil College of Engineering      **Bachelor in Information Technology** | Kharghar, Navi-Mumbai
Vidya Bhawan High School and Junior College      **Science Stream, PCMB Emphasis** | Ghatkopar, Mumbai

## CERTIFICATIONS

**Big Data Foundation** | *IBM*      *Certificate|July 2023*
**Google Analytics** | *IBM Skill build*      *Certificate|July 2023*