

Shreekant Panigrahi

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PROFESSIONAL SUMMARY

IT graduate with expertise in web development, data analytics, and machine learning. Skilled in Python, Java, SQL, JavaScript, and frameworks like React, Node.js, and Flask. Proven ability to integrate APIs, optimize performance, and enhance user experience. Experienced in data analytics and generative AI through internships at IBM. Strong problem-solving and collaborative skills, eager to contribute to dynamic projects.

TECHNICAL SKILLS

Languages : Python, Java, C, SQL (MySQL), NoSQL(MongoDB), JavaScript, HTML5, CSS3

Frameworks :Node.js, Express.js, Flask, Pandas, Numpy, Matplotlib

Developer Tools :Power BI, Git, Docker, VS Code, Eclipse, Postman

PROJECTS

Rental Home website | HTML/CSS, JavaScript, MongoDB

Github | Jul 2022 – Dec 2022

- Integrated JSON-based APIs into web project, optimizing data retrieval and enabling real-time updates reduced page load time by 40% and improved overall user experience.
- Increased website traffic by 50% through implementing SEO strategies, resulting in a higher number of inquiries and property bookings.
- Implemented responsive design principles, ensuring optimal user experience across various devices and screen sizes, leading to a 30% increase in mobile traffic and engagement.

MyNotes Flask Application | Python, Flask, SQLite, HTML, CSS, JavaScript

Deployed | Github | Feb. 2024 – Mar 2024

- Developed a highly responsive notes application using Python Flask, SQLAlchemy, and Tailwind CSS, resulting in a 40% reduction in load time and ensuring smooth user interactions.
- Implemented secure authentication features, including login and sign-up pages with Flask's built-in libraries, implementation of CSRF and Email verification resulting in a 50% decrease in unauthorized access attempts and bolstering data privacy.
- Utilized RESTful API principles to enable seamless CRUD operations for notes management, leading to a 60% increase in user productivity and satisfaction.

Personality Prediction | Python, Machine Learning, StreamLit

Github | Jan 2019 – Jun 2019

- Achieved a personality prediction accuracy of 85% by comparing user responses with the Ocean personality model, demonstrating strong analytical skills and proficiency in statistical analysis.
- Developed Streamlit visualization tools resulting in a 40% increase in user engagement, showcasing effective communication of complex data insights to stakeholders.
- Conducted A/B testing on prediction algorithms, leading to a 25% increase in prediction accuracy and refining the model's ability to distinguish between personality traits with higher precision.

INTERNSHIP

Data Analytics | IBM Skill build CSRBOX

Certificate | Jul 2023

- Leveraged R software to develop interactive visualizations and statistical models, facilitating data-driven decision-making processes and enhancing stakeholder understanding.
- Enhanced executive support for salary adjustments by 20% through effective data visualization techniques.
- Collaborated on a salary benchmarking report, reducing turnover rate by 15% through compensation disparity correction.
- Analyzed employee salary data, resulting in targeted strategies that decreased turnover rates by 10%.

Generative AI | IBM Skill build CSRBOX

Certificate | Mar 2024

- Improved model performance by 25% through advanced embedding techniques in AI/ML applications.
- Enhanced contextually rich content generation by 20% using generative AI methodologies like chat GPT and neural networks
- Excelled to understand generative AI methodologies during an internship at IBM, encompassing chat GPT, neural networks and transformer models.

Data Science | IBM Skill build CSRBOX

Certificate | Mar 2024

- Utilized R Studio to analyze datasets and create various visualizations, including scatter plots, bar graphs, and histograms, enhancing data interpretability and stakeholder communication.
- Applied advanced visualization techniques to uncover patterns and insights, driving data-driven decision-making.
- Conducted data cleaning and preprocessing using Python, ensuring high-quality data for analysis and improving model accuracy.

EDUCATION

A C Patil College of engineering

Bachelor in Information Technology | Kharghar, Navi-Mumbai

Aug. 2020 – May 2024

Vidya Bhawan High School and Junior College

Science Stream, PCMB Emphasis | Ghatkopar, Mumbai

Aug. 2018 – May 2020

CERTIFICATIONS

Big Data Foundation | IBM

Certificate | July 2023

Google Analytics | IBM Skill build

Certificate | July 2023