Vishal Das

LinkedIn: linkedin.com/in/vishaljunakdas/
Github: github.com/junaaaak

Email: vishaljunak31@gmail.com
Mobile: +91-7086652765

EDUCATION

CHRIST (Deemed to be University) — Bangalore, India
BS in Data Science (Honors) and Mathematics; GPA: 3.33/4 — *July 2023 - April 2027*

Courses: *Data Structures, DBMS, Artificial Intelligence, Machine Learning, Neural Networks and DL, Cloud Computing, Computer Vision, Linear Algebra, Mathematical Modeling*

SKILLS SUMMARY

- **Languages**: Python, C, C++, JavaScript, SQL, Bash
- **Frameworks**: Scikit, HuggingFace, TensorFlow, Keras, Pandas, NumPy, Seaborn, Matplotlib
- **Tools**: Docker, GIT, MySQL, SQLite
- **Platforms**: Linux, Web, Windows, AWS, Tableau, PowerBI, Microsoft Excel, LaTeX
- **Soft Skills**: Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

Indian Statistical Institute (ISI) North-East Centre — On-site
Summer Intern — *May 2024 - June 2024*

- **Coursework**: Completed coursework on Decision Theory covering foundational principles, models, and applications of rational decision-making under uncertainty.
- **Research Contributions**: Contributed to ongoing research projects within the institute by supporting analysis and interpretation of decision models.
- **Statistical Applications**: Applied statistical methods to real-world decision-making scenarios, gaining hands-on analytical experience.

GushWork — Hybrid
B2B Technical Content Writer — *Aug 2024 - Dec 2024*

- **Primary Work**: Developed B2B technical content tailored to business clients' specific needs while adhering to industry standards.
- **SEO Optimization**: Ensured all content followed SEO best practices to enhance visibility, attract qualified leads, and support business growth.
- **Business Impact & Engagement**: Aligned content strategy with engagement objectives to drive lead generation and strengthen business impact.

PROJECTS

- **HSV-Based Chromatic Analysis of Stained Malaria Parasites (Computer Vision, Image Processing)**: Life-stage classification of malaria parasites using HSV-based chromatic features. Tech: Fiji (ImageJ).
- **Customer Analytics using Inclusion–Exclusion Principle (Discrete Mathematics, Data Analytics)**: Applied mathematical principles to derive business intelligence insights. Tech: Python.
- **Customer Churn Prediction using Ensemble Learning (Machine Learning)**: Built churn prediction models using ensemble techniques. Tech: XGBoost, LightGBM, Random Forest.
- **National Health Mission Database Management System (Database Management)**: Designed and managed a relational database system for health mission data. Tech: MySQL.
- **Human Resources Dashboard (Business Intelligence)**: Designed an interactive HR analytics dashboard for workforce insights. Tech: MS Excel.
- **Impact Assessment of Swachh Bharat Abhiyan (Statistical Analysis)**: Evaluated the impact of sanitation initiatives on urban communities using statistical methods.
- **Attendance Companion (Systems Programming)**: Developed a console-based attendance management system with features for record entry, updates, and retrieval, emphasizing efficient data handling and structured programming. Tech: C.

PUBLICATIONS

- **Research Paper: Early Detection of Plant Diseases using IoT Sensors and Machine Learning Algorithms**: IEEE Xplore (In Production)

VOLUNTEER EXPERIENCE

District Interact Secretary, Rotary International District 3240 — Jul 2020 – Jun 2021
Northeast India & Nepal

- Provided oversight and guidance to Interact clubs, leading collaborative projects focused on societal welfare.

General Secretary, Interact Club of Don Bosco High School Tezpur — Aug 2019 – May 2021
Tezpur, India

- Led clean-up drives, awareness campaigns, and community outreach, fostering youth well-being and social impact.