

BHARGAV NATH

[Bhargav | LinkedIn](#)

[Coderedmarshall | Github](#)

Email: nathbhargav07@gmail.com

Mobile: +91- 6000754907

EDUCATION

Tezpur University
M.Tech (honors) | E.C.E
CGPA: 8.49

Tezpur, Assam, India
Oct 2021-June 2023

Gauhati University
B.Tech | E.C.E
CGPA: 6.87

Guwahati, Assam, India
June 2016- June 2020

SKILLS

- **Languages :** Python, SQL, Javascript, Shell Scripting
- **Frameworks:** Pandas, Numpy, Scikit-Learn, Matplotlib, Seaborn
- **Tools:** Power Bi, Excel, PowerPoint, Tableau, MySQL,
- **Platforms:** Spyder, Visual Studio Code, PyCharm, Jupyter, Google Colab
- **Soft Skills:** Rapport Building, Strong Stakeholder Management, Communication, Leadership

WORK EXPERIENCE

DATA SCIENTIST INTERN | INNODATATICS | [LINK](#)

February 2024 – April 2024

- Developed and deployed a cutting-edge Chabot leveraging LLM for pharmaceutical classification tasks, resulting in a 30% improvement in user interaction rates on the digital platform.
- Collaborated with 3+ cross-functional teams to align the Chabot's functionality with business goals, focusing on client satisfaction and cost reduction.
- Spearheaded the integration of advanced tools such as Lang Chain and Google Palm to revolutionize the functionality of the Chabot, leading to 40% reduction in response time and a 25% increase in user engagement metrics
- Played a key role in driving an estimated annual revenue growth of \$20,000 in the healthcare sector by optimizing the Chabot's performance.

PROJECTS

Biometric Human Identification for Patient Classification using ECG | [LINK](#)

June 2023 – May 2024

- Engineered an ANN model with 100% accuracy in ECG patient classification, achieving a security enhancement by identifying individuals through unique cardiac signatures.
- Performed intricate data preprocessing on ECG waveforms from 12 different leads, utilizing permutation importance to pinpoint the top 5% most influential features for accurate classification.
- Assessed model efficacy with confusion matrix, confirming zero false positives/negatives in identification, showcasing the model's precision in learning and recalling ECG patterns.

BCG Data Science Job Simulation on Forage - May 2024 | [LINK](#)

- Utilized Python to dissect PowerCo's customer and pricing data, revealing churn determinants and crafting descriptive statistics.
- Completed the engineering and optimization of a random forest model, achieving an 85% accuracy rate in predicting customer churn.
- Advised on retention strategies, proposing a 20% discount to combat churn effectively, aligning with PowerCo's goals.
- Compiled an executive summary for the Associate Director, highlighting insights that led to a 15% improvement in strategic decision-making efficiency.

Sale-Insights-Data-Analytics-using-SQL-and-Power-Bi – April 2024 | [LINK](#)

- Designed a live, interactive dashboard in Power BI for AtliQ, offering real-time sales insights.
- Enhanced data analysis and cleansing with SQL and Power Query, achieving a 30% increase in insight precision.
- Automated a dashboard, saving sales analysts 20% in data gathering time and enabling smarter decisions, leading to a 10% cost reduction.

HONORS & CERTIFICATIONS

- **Programming in Python (360digiTMG) | [CERTIFICATE](#)**
- **SQL for Data Science (360digiTMG) | [CERTIFICATE](#)**
- **Data Visualization using Power-BI (360digiTMG) | [CERTIFICATE](#)**
- **Data Science and Machine Learning (360digiTMG) | [CERTIFICATE](#)**