Priyanath Bhukta

Machine Learning Engineer

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SUMMARY

Enthusiastic Computer Science student with expertise in Software Engineering, **Machine Learning** and Full Stack Development using MERN Stack. Developed a Machine Learning model for heart disease prediction and an insurance premium prediction model using Python Frameworks.Having experienced at **Unified Mentor** as a ML Intern. Doing research works at **BioImaginix** Morgantown, West Virginia,USA. Eager to contribute to impactful projects in technology and product development.

EXPERIENCE

ML Intern *Sept'24 - Present*   *Unified Mentor (Remote)* I've placed Unified Mentor as Machine Learning intern. It's a Project based internship program duration 1 month. I've done several projects as intern of Unified Mentor, those are **Heart Disease Detection** using Random Forest Classifier.

Intern *Jul'24 — Aug'24*   *Pinnacle Labs (Remote)*
I have experience in cybersecurity and have worked on projects involving password cracking and brute force algorithms. I have also developed a password cracker tool using John the Ripper and assisted senior staff by providing relevant reports.

POSp Associate *Apr '24 — Present*   *InsuranceDekho (Remote)*

I have experience in customer relationship management and sales. I have analyzed customer data to identify trends and develop strategies to increase customer satisfaction and engagement. I have also successfully enhanced sales in the General Insurance category at InsuranceDekho in collaboration with Girnar Broking Pvt Ltd.

SKILLS

Programming Languages: Python, Java
Machine Learning Techniques: Statistical Modeling, Clustering, Dimensionality Reduction, Convolution Neural Networks(CNNs), Variational Autoencoder(VAEs),
Framewroks: NumPy, Pandas, Seaborn, Scikit-learn, PyTorch, Keras, TensorFlow.
FullStack Development: MERN Stack, Firebase, RESTful API, Microsoft Azure
Version Control: Git & GitHub
Database Management: PostgreSQL, SQL Server, MongoDB

PROJECTS

PulsePredict   *Sep '24 — Present*
The provided text describes the process of building a predictive model. It involves data exploration to understand the data, feature engineering to create new features, and model evaluation to assess the model's performance using various metrics. The final model achieved an accuracy of 93.27

Insurance Premium Prediction   *Kolkata, India*
Developed a machine learning model capable of accurately predicting health insurance premiums based on attributes such as age, sex, place of residence, and other relevant factors.

CERTIFICATIONS

Data Visualisation: Empowering Business with Effective Insights   *Forage, Aug '24*

EDUCATION

Bachelor of Technology in Computer Science and Engineering   *Academy of Technology (GPA: 8.65)*
Adisaptagram, India
Final Year student at Academy of Technology with a skilled tech stack and received 3 scholarships in the last 3 years from Government of West Bengal.

Higher Secondary in General Science   *Mahesh Sri Ramkrishna Ashram (GPA: 89.4%)*
Rishra, India
Completed general studies (physics, chemistry, math, CS). Received 2 government scholarships.