RISHI CHILVERI

Worli, Mumbai

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EDUCATION

Bharati Vidyapeeth (Deemed to Be University)   Navi Mumbai, Maharashtra
Bachelor of Engineering in Computer Engineering — CGPA: 9.32   2022-2026

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Object-Oriented Programming, Computer Networks, Artificial Intelligence & Machine Learning, Software Engineering, DBMS

EXPERIENCE

Data Science Intern @GROK LEARNING   **JULY-2024**
Mumbai, India

- Gained hands-on experience with machine learning algorithms, including supervised and unsupervised learning techniques.
- Developed a churn prediction model using logistic regression and random forest on a telecom dataset, improving customer retention strategy and achieving 87% prediction accuracy
- Automated the data preprocessing pipeline using Python (Pandas, Scikit-learn), cutting model training time by 40%.

PROJECTS

Text2Tone - Flask, JWT Authentication, PostgreSQL, Text-to-Speech API   **2025**
- Developed an intuitive text-to-audio conversion platform using Flask, enabling users to convert written content into natural-sounding speech with support for multiple languages.
- Integrated Text-to-Speech APIs and optimized the backend pipeline, reducing audio generation time by 45%.

PriceScope - Django, HTML & CSS, Bcrypt, ML Model, MySQL, Web Scraping   **2024**
- Built a machine learning-powered web platform to predict house prices using real-time and historical data, helping users make informed property investment decisions.
- Implemented data scraping from housing websites Makaan.com and cleaned datasets for model training, improving data accuracy by 60%.

WildVision - MobileNetV2, OpenCV, Flask, Python   **2024**
- Built an Animal classification system using MobileNetV2 and OpenCV, achieving over 90% accuracy on real-world wildlife and domestic animal images.
- Utilized OpenCV for image preprocessing, contour detection, and frame extraction, improving classification reliability by 35%.

TECHNICALSKILLS

Languages: C, C++, JAVA, Python, JavaScript, R
Frontend: HTML, CSS, React.js, Next.js, API Integration
Backend & Databases: Node.js, Flask, Flutter, MongoDB, MySQL, Appwrite
Machine Learning & Deep Learning: CNN, Regression and Classification algorithms
DevOps Tools & Others: Git, GitHub, AWS, Generative AI

ACHIEVEMENTS AND CERTIFICATIONS

- Passed the **Python 3.4.3 Test** conducted by IIT Bombay's Spoken Tutorial Project with a score of 70% and earned 4 credits.
- Completed **Python for Data Science** 4-week NPTEL course (Jul–Aug 2023) with a consolidated score of 72/100.[Certificate Link]