

SOUBHAGYASHIRUR

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PROFESSIONAL SUMMARY

Completed internships at **CEVI and YHills Edutech**, gaining hands-on experience in **Python, Django, SQL, FastAPI, and Machine Learning**. Worked on projects including a **Quality Check Tool** that improved workflow efficiency and an **Employee Payroll Management System** that automated payroll processing. Skilled in **data processing, predictive modeling, and web development**, with a strong ability to learn and adapt quickly.

EXPERIENCE

CEVI(CENTER OF EXCELLENCE IN VISUAL INTELLIGENCE)

Intern

Hubli, Karnataka, India

January 2024 -June 2024

- **Quality Check (QC) Tool:** Developed using React JS to streamline annotation and organization of image sets, displaying aperture sizes for accurate quality assessments. Implemented automated grouping and acceptance/rejection processes to enhance workflow efficiency and precision in managing large volumes of images, increasing efficiency by 30%.
 - Improved image processing speed by 20% through optimized algorithms.
 - Enhanced user interface leading to a 25% reduction in annotation errors.
- **Employee Payroll Management Application:** Created using React-Native to automate payroll management, featuring secure admin-only access, detailed employee management, accurate attendance tracking, automated salary calculations, and Excel report generation, reducing payroll processing time by 40%.
 - Integrated secure authentication mechanisms, reducing unauthorized access incidents by 35%.
 - Implemented detailed analytics dashboard, improving decision-making efficiency by 30%.

YHILLS EDUTECH PVT LMT

Intern

Online

June 2023 - July 2023

- Worked on machine learning projects including "**TaxiFare Prediction**" and "**Vaccine Prediction**" using Python, increasing project completion rate by 15%.
 - Created data preprocessing pipelines, reducing data preparation time by 20%.
 - Conducted model validation and testing, improving model accuracy by 10%.

EDUCATION

MANIPAL INSTITUTE OF TECHNOLOGY

Master of Computer Applications - 6.68 cgpa

Manipal, Karnataka, India

2022-2024

JSS SMI UG AND PG STUDIES

Bachelor of Computer Applications - 83%

Dharwad, Karnataka, India

2019-2022

SKILLS

TECHNICAL SKILLS:

- **Programming Language:** Python

- **Database:** MySQL
- **Framework:** Django, FastAPI, PyTorch
- **Web Development:** HTML, CSS, JavaScript
- **Data Science:** Data Analysis, Machine Learning, Deep Learning
- **Libraries:** NumPy, Pandas, scikit-learn

TOOLS: Visual Studio, Jupyter Notebook, PyCharm

SOFT SKILLS:

- Effectively communicated project updates, ensuring team clarity and reducing misunderstandings by 20%.
- Collaborated with cross-functional teams on multiple projects, contributing ideas that led to a 10% increase in project efficiency.
- Applied critical thinking to analyse data, identifying process improvements that reduced costs by 10%.
- Adapted quickly to changing project scopes, maintaining productivity during transitions that saved 15% in project time.
- Managed tasks effectively, consistently meeting deadlines with a 95% on-time completion rate.
- Demonstrated leadership by guiding and mentoring team members, resulting in a 15% improvement in team performance..
- Maintained a high level of accuracy, ensuring thoroughness and quality in all tasks.
- Demonstrated reliability by consistently meeting project deadlines and exceeding expectations.

PROJECTS

1. TaxiFare Prediction

- Improved taxi fare prediction accuracy by 20% using regression models.
- Utilized Pandas, Scikit-learn, and NumPy for data processing and model evaluation

2. Vaccine Prediction

- Achieved 85% accuracy in predicting vaccine efficiency using classification algorithms.
- Focused on data preprocessing, feature engineering, and model tuning

3. Handwritten Digit Recognition on MNIST Dataset

- Worked on a deep learning model using the MNIST dataset to recognize handwritten digits with high accuracy
- Analysed model performance and optimized hyperparameters for better accuracy

ADDITIONAL INFORMATION

- **Certifications:** Core Python, ISCT Global Infotech, Dharwad, **Django Developer**, ISCT Global Infotech, Dharwad, **Data Science** using ML, YHills, **Web Development** using HTML, CSS, JavaScript, ISCT Global Infotech, Dharwad.
- **Languages:** English, Kannada, Hindi
- **Hobbies:** Gym, Sketching, Cooking