**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) Hubli, Karnataka, India**

## Intern 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 Online**

## Intern 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

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| **MANIPAL INSTITUTE OF TECHNOLOGY** | **Manipal, Karnataka, India** |
| ***Master of Computer Applications - 6.68 cgpa*** | **2022-2024** |
| **JSS SMI UG AND PG STUDIES** | **Dharwad, Karnataka, India** |
| ***Bachelor of Computer Applications - 83%***  **SKILLS** | **2019-2022** |

**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

# ADDITIONALINFORMATION

* **Certi cations: 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