

# ABHISHEK SONAWANE

## Python Developer

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### CAREER SUMMARY

Highly skilled Python Developer with a proven track record in developing complex web applications. Proficient in custom Python code, third-party integrations, and developer collaboration. Experienced Data Analyst with expertise in Python, R, SQL, machine learning, and data visualization using Power BI and Tableau. Achieved significant increases in user engagement and functionality while reducing development time. Committed to continuous learning and leveraging analytical skills for data-driven decision-making.

### EXPERIENCE

#### Jr Data Science Associate

June 2023 – Aug 2023

Parentheses Systems, Pune (MH)

- **Developed** and implemented **advanced feature** engineering techniques, leading to a **12% improvement** in machine learning model accuracy and a **15% reduction** in false positive rate.
- **Conducted** in-depth Exploratory Data Analysis (EDA) to uncover **valuable** patterns and trends, resulting in a **25% increase** in customer engagement and a **10% boost** in sales revenue.

#### Data Analyst Intern

GAMAKA Intellectual Machine PVT LTD

Jan 2023 – June 2023

- **Leveraged** advanced tools such as **Excel** and **Tableau** to Proficiently navigate, dissect, and **exploring** the most pertinent data.
- Attentively identifying and presenting key performance indicators (KPIs) through engaging visualizations to empower senior management with data-driven insights

### EDUCATION

#### • Bachelors of Computer Applications

July 2018 - June 2021

Savitribai Phule Pune University, Pune

Hon. B. J. College of Arts, Commerce and Science | Ale

#### • Higher Secondary Education (XII)

June 2016 - May 2018

Shri J. R. Gunjal Junior College | Ale

Maharashtra State Board

### TECHNICAL SKILLS

**Languages/Tools:** Python, HTML5, CSS3, Javascript, SQL, MySQL, R, VsCode, PyCharm, Spyder, GraphQL.

**Frameworks:** Django, SciKit-Learn, NumPy, SciPy, Pandas, Seaborn, Matplotlib, StatsModels, Sci-Py, Gql.

**BI/ visualization Tools:** Tableau, Power BI, Microsoft Excel, Power Query, DAX /Lod Expressions, ETL, KPI's.

**Machine Learning:** Linear/Logistic Regression, SVM, KNN, Ensemble Trees, Random Forests, Clustering, Bagging, Boosting, Feature Engineering, Model Optimization, Model selection, CrossValidation, GridSearchCV, RandomizedSearchCV.

**Statistics:** Probability, Calculus, Descriptive Statistics, Predictive Analysis, Risk Analysis, Hypothesis Testing.

**Databases:** MySQL, PostgreSQL, Dbeaver.

## **PERSONAL PROJECTS**

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### **End to End Data Science Project on Healthcare | (Python, ML, Tableau)**

- Employed the esteemed NIDDK dataset to predict the presence of diabetes in patients, leveraging diagnostic measurements.
- Harnessed a powerful toolkit including Python, Tableau, NumPy, Pandas, Matplotlib, and SciKit-Learn.
- Leveraged advanced models such as KNN, Naive Bayes (Gaussian NB), Random Forest, SVC, and XG Boost. Utilized Tableau for impactful visualizations, enabling data-driven decision-making in healthcare

### **Online Blog Website in Django | (Python, django, Sqlite3)**

- Developed a comprehensive online blog website using Django, featuring secure user authentication, dynamic content management, and a responsive, user-friendly interface.
- Wrote custom Python code to enhance functionality and meet specific user needs.
- Optimized the website for performance and scalability, demonstrating strong web development and database management skills.

### **Office Employee Management System(Python, Django, HTML5, CSS3)**

- Developed an online Employee Management System using Django, incorporating secure user authentication and role-based access control to ensure data privacy and confidentiality.
- Implemented robust features for employee record management, including profile creation, attendance tracking, and performance evaluation, enhancing organizational efficiency.
- Utilized custom Python code to automate administrative tasks, streamline workflow processes, and generate comprehensive reports for managerial decision-making.
- Optimized the system for scalability and performance, leveraging Django's built-in features and best practices in web development to ensure seamless operation even with large datasets and concurrent user access.

## **CERTIFICATIONS**

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**Python Development Bootcamp** Completed from Udemy 365 Careers (July 2023)

**Data Science Certification** Completed from GAMAKA AI Ltd Pune (Jan 2023)

**Data Analytics Certification** Completed from Skilledge Pvt, Ltd Pune (6 Months)

**Data Science with Python** Completed from Udemy 365 Careers

**Business Intelligence bootcamp** Completed from Udemy 365 Careers