

Soumya Riti

Jr Software Developer

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PROFILE SUMMARY

As a Junior Software Developer with expertise in Python Development and Data Analysis, I am passionate about utilizing technology solutions to achieve business goals. I have hands-on experience in Python Programming Language, MongoDB, MySQL, PowerBI, and building scalable backend systems alongwith being adaptable to both Windows and LINUX/UNIX. Skilled in developing efficient algorithms and optimizing system performance, I am committed to delivering innovative solutions that drive business performance and operational efficiency. Thriving in collaborative environments, I bring both creative problem-solving and technical proficiency to the table. Dedicated to continuous learning, I stay up-to-date with the latest industry trends and emerging technologies.

SKILLS

- Python Programming Language
- MongoDB
- MySQL
- Django
- DBMS
- Data Analysis
- Data Visualization
- PowerBI

WORK EXPERIENCE

Jr Software Developer

July 2024 - Current

InfraKnit Technologies Pvt Ltd

Did development, data analysis with Power BI, worked with MongoDB databases, created reports with Jaspersoft Studio, and built data pipelines with Python leveraging libraries

Website Analyst Intern

April 2024 - June 2024

Digital Eco SEO Experts Pvt. Ltd.

Analyzed website performance using several analysis tools and softwares, created data visualizations to identify trends to inform business decision utilizing Python.

Website Analyst Intern

January 2024 - March 2024

Manabi Education Pvt. Ltd.

Analyzed ed-tech platform usage, student outcomes using data visualization tools and Python libraries, uncovering insights for marketing strategies, and data-driven decision making.

Backend Developer Intern

October 2023 - December 2023

Tathasthu Techno Solutions

Designed and developed scalable backend databases and solutions, microservices architecture, and cloud-based technologies, ensuring high availability and performance.

ACADEMIC PROJECTS

Full-stack development of a Request-based Food Website

- Designed and developed a dynamic, request-based food website using HTML, CSS, JavaScript, and Python with the Django framework, integrating MongoDB for seamless data management and full-stack functionality.

Software designed Python automated Railway Announcement System

- Developed an automated Railway Announcement System using Python, streamlining announcements with scheduled

automation and real-time updates for improved operational efficiency

Designed & Implemented Snake Game Using Pygame

- Designed and implemented the classic Snake game using Pygame, incorporating smooth gameplay mechanics and interactive features for an engaging user experience.

Flipkart Review Sentiment Analysis using Python

- Developed a sentiment analysis model for Flipkart reviews using Python, leveraging natural language processing techniques to classify and analyze customer feedback for insights.

Thermal Scanner based lock-system using TinkerCad

- Designed and implemented a thermal scanner-based lock system using TinkerCad, integrating temperature sensing and access control features for enhanced security.

EDUCATION

Dr APJ Abdul Kalam Technical University

August 2019 – July 2023

Bachelors of Technology - Electronics and Communication Engineering

Holy Angels' Sr Sec School (ICSE Board)

Higher Secondary Education

CERTIFICATIONS

- Database Management System [Great Learning]
- Foundations: Data-Data Everywhere [Tata Strive & Google]
- Crash Course on Python [Tata Strive & Google]
- Python for Data Analysis [Machine Learning Club]
- MySQL database with Python [Machine Learning Club]
- Communication Skills [IBM]

TRAININGS

- Data Analytics Bootcamp [Analytics Vidhya]
- Bootcamp in Machine Learning [YBI Foundation]
- Working of Arduino [Innovation Centre]

EXTRA CURRICULARS

- ♦ Winner of GD Competition at Intra College Level
- ♦ Sporadically Involved in Freelance Content Writing, Blogging
- ♦ Content Producer of College's Drama Society
- ♦ Trained Kathak Dancer