Contact

Pune, Maharashtra 411014
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vivekkdesale@gmail.com

Top Skills

Exploratory Data Analysis
Data Visualization
Python
R Programming
SQL
Excel
Machine Learning
Computer Vision (OpenCV)
Flask Framework
Industrial IOT (Industry4.0)

Languages

English (Native or Bilingual)
German (Professional Working)
Hindi (Native or Bilingual)
Marathi (Native or Bilingual)

Certifications

Master of Data Science using
Python (ITVedant)
Microsoft Certified Professional
Microsoft Certified Systems
Administrator
German Language (A1 &A2)

Vivek Desale

Data Science Enthusiast

Nashik / Pune

Summary

Proficient in Data Analysis with Python, Machine Learning and Artificial Intelligence with Image Processing. Passionate about implementing and launching new projects. Ability to translate business requirements into insightful data. I have around 2 years of experience in Data Science with Python & GUI such as Tkinter and Flask based applications

Experience

Quaint Technomation
Project Engineer / Data Analyst- Python

Sept 2021 - Present (1 years 4 months) Pune

- Led the design and implementation of an Industry 4.0 project to calculate OEE using Python programming, data analysis, resulting in real-time monitoring capabilities and a 30% reduction in downtime, with a 15-20% increase in OEE.
- Collected and analyzed data from over 100 PLC and CNC/VMC machines with increased efficiency, reducing data processing time by 50% and improving decision-making capabilities with a 30% increase in accuracy.

Sr.Engineer (Industrial Electronics)

May 2017 – Aug 2021 (4 years 4 months) Nashik

- Successfully programmed and commissioned 50+ electronics components, including PLCs, HMIs, SCADA systems, VFDs, servo drives, sensors, controllers, and various types of actuators, ensuring seamless communication with PCs with 99% accuracy.
- Customized PLC controller logic and electrical wiring on 150+ projects to meet project requirements and deliver optimal performance.

VAST Systems Nashik

PLC Programmer

September 2016 - May 2017 (9 months)

Nashik

Teknocrat's Control Systems (I) Pvt.Ltd.-Marketing Division

Application Engineer

November 2014 - August 2016 (1 year 10 months)

Nashik

Semiconductor Physics Dept, TU Chemnitz
Research Assistant Intern
November 2013 - September 2014 (11 months)
Chemnitz, Germany

Research Assistant Intern (Semiconductor Physics Dept.)
November 2013 - September 2014 (11 months) Chemnitz Area, Germany

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Education

Technische Universität Chemnitz
Chemnitz, Saxony, Germany

Master of Science (MS), Faculty of Electrical Engineering and Information
Technology (Micro and Nano Systems) · (2012 - 2014)

METs IOE Nashik, (Pune University)
Nashik, Maharashtra State, India

Bachelor of Engineering (BE), Electronics Engineering · (2008 - 2011)

K.K.Wagh Polytechnic Nashik
(M.S.B.T.E.), Maharashtra State, India

Diploma in Engineering, Industrial Electronics · (2004 - 2007)