

Akshay Butala

Astronomer

I want to work for an organization which provides the opportunity to improve my skills and Knowledge to grow along with organization . I will contribute to growth and benefits of the organization with my all skills. I have completed masters In physics, I have strong conceptual knowledge of physics and I want to Pursue my career in field of astronomy , astrophysics and planetary science.

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📍 402201, Alibag, India

EDUCATION

M.Sc. Physics

Ferguson College Pune

08/2018 - 04/2020

Pune ,India

Courses

- Data driven Astronomy using python ,University of Sydney
- Project - Study of variable stars using Photometry method at JVP observatory Kesriwada, Pune

B.sc. Physics

J S M College ,Alibag

07/2014 - 04/2017

Alibag

WORK EXPERIENCE

Curriculum Developer

Institute of astronomy and space science

12/2021 - 03/2022

Pune

Achievements/Tasks

- Exceeded goals through effective task prioritization and great work ethic.
- Developed Astronomy curriculum for the institute
- Created 10+ PPT's and design astronomy experiments
- Collaborated with colleagues in developing benchmark lessons and identifying curriculum needs of faculty.
- Teamed with subject matter experts in evaluation and revision of training tools in order to continually improve learning platforms.

Business Development associate

Solar Hut PVT ,Navi Mumbai

01/2021 - 12/2021

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Achievements/Tasks

- Boosted revenue by bringing in and cementing relationships with new clients and optimizing servicing of existing customer accounts.
- Researched, analyzed and projected market data for potential markets.
- Negotiated contracts and closed sales with new and existing clients.
- Engaged with customers to build business relationships.
- Reviewed invoices, payment requests, advance requests, expense reimbursements and proper coding, prior to approval

SKILLS

Python

Ms Excel

Telescope Operation

Astronomy

Astronomical observation

Data analysis

Ms Power bi

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PERSONAL PROJECTS

Study of variable stars (12/2019 - 03/2020)

- Theoretical study of variable stars .
- learned to handle 16 inch reflector telescope telescope and its operations.
- Observed Sz Lynx star in lynx constellation using telescope.
- Using photometry method observed the magnitude of star .
- Plot the graph of magnitude of star and time using Ms excel .
- In conclusion SZ Lynx has period of 0.12 day and magnitude variation of 9.08-9.72.

CERTIFICATES

Arise Training school In Observational Astronomy (ATSOA-2021) [Aryabhata Institute Of Observational Sciences] (04/2021)

DATA-driven Astronomy [The University of Sydney] (11/2021)

Basic course in Astronomy [JVP] (07/2020)

Basics of Satellite Meteorology, Space Application Center(ISRO) (12/2020)

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Marathi

Native or Bilingual Proficiency

INTERESTS

Sports

Hiking

Astronomy books

Nature lover