

Tanmay Umesh Potbhare

Software Developer · Data Scientist · Data Analyst

Passionate about developing software's & practicing whenever I get time.

tupotbhare@gmail.com

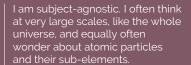
+91 8390357127

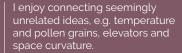


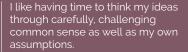
in/tupotbhare

Ø GOALS

I am currently aiming to complete the DP-500 examination of Microsoft which is based on Microsoft Azure and Power BI.







Applied

Theoretical

Physics

nappina

SKILLS

Research

WORK EXPERIENCE

Present Sept 2023

%ics

Software Developer

INTEGRATED CONSULTANCY SERVICES · Pune, MH, INDIA •

- Engaged in the dynamic landscape of TRTI's projects, showcasing expertise in maintenance and new development initiatives.
- ${\sf -}$ Providing ongoing maintenance for the live Fellowship platform, ensuring optimal functionality and user experience.
- Solely leading the development of an Android turned PHP Laravel application for the Gramsathi Project, overseeing the entire process from initial requirements to deployment. Utilizing Java for robust application development.
- Contributing to the Forest Rights Act (FRA) project, playing a pivotal role in the integration of Machine Learning and Satellite Imagery. Collaborate in the development of a Django-based system that involves superimposing satellite images with a user-friendly front-end interface and a powerful back-end infrastructure.
- These experience underscore my proficiency in software maintenance, Android application development, and the integration of technologies like Machine Learning.

Sept 2023 Jan 2023

Freelance Full Stack Developer

INTEGRATED CONSULTACY SERVICES · Pune, MH, INDIA •

- Contributed to Fellowship Web Application project for the Tribal Research and Training Institute under the Maharashtra State Government, demonstrating proficiency in full-stack development. Solely led the development lifecycle, from conceptualization to deployment, ensuring a seamless integration of front-end, back-end, and database components.
- Spearheaded end-to-end project development, encompassing requirement analysis, design, implementation, testing, and deployment. Successfully orchestrated the entire development process, ensuring a cohesive and functional application.
- Leveraged advanced technologies and frameworks, specializing in Python Flask for back-end development, HTML5, Bootstrap, CSS for front-end, and ensured robust server-side integration. Demonstrated proficiency in utilizing Git for version control and Azure DevOps for seamless continuous integration and continuous deployment (CI/CD).
- **Key Achievements**: Accomplished the notable achievement of having the project inaugurated by distinguished dignitaries, including the Governor and Chief Minister of Maharashtra. This recognition underscores the project's significance and successful execution. **LINK Fellowship Website**

₩ics

May 2023 Jan 2023

Data Scientist - Internship Training

DATA GLACIER · Dublin, IRELAND •

Collaborated with stakeholders for understanding the requirements and working on data accordingly for investment in US cab industry, Worked with 60% accuracy and effective recommendation based on Exploratory data analysis done using Python along with generation of data intake report, developed and deployed project on flask, and Cloud & API deployment managed tasks like Version control, deployment, Article Writing, and Exploratory Data Analysis, worked on Machine Learning project which focused on multivariate forecasting models for predicting sales on product level.

Jun 2017 May 2017

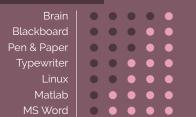
Student Intern

SPEED TECHSERVE PVT LTD · Pune, MH, INDIA •



Communicated with Staff and faculty and accepted critiques and suggestions for areas of improvement. Completed, computed, and compiled lines of code in C, C++, and HTML with hands-on training with an ongoing project.

F TECH



TINTERESTS & EXPERTISE

Special RelativityGeneral RelativityNuclear physicsQuantum physicsBrownian motionPinballLaws of OpticsLaser TagCrosswordsCoffee



English German French Working knowledge Mother tongue Notions

FORMAL EDUCATION

1905 **PhD**

UNIVERSITY OF ZÜRICH · Zürich, Switzerland ♥



University of Zürich is one of the world's best universities, ranked N^{th} globally **by the NY Times**. Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam.

1900 1896 **Master of Science**

ETH · Zürich, Switzerland 9



ETHZ is malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo.

66 PHILOSOPHY

Here are some thoughts that guide my actions as a professor and as a scientist.

Success is a few simple disciplines, practiced every day; while failure is simply a few errors in judgment, repeated every day.

– Jim Rohn

66 With most subjects, it is more important to really understand the basic material than have exposure to more advanced concepts.

– S. S. Skiena

66 Besides the noble art of getting things done, there is the noble art of leaving things undone. The wisdom of life consists in the elimination of non-essentials.

Lin Yutang

**The people that really create the things that change this industry are both the thinker and doer in one person. !...! It's very easy to say "I thought of this three years ago". But usually when you dig a little deeper, you find that the people that really did it were also the people that really worked through the hard intellectual problems as well.

Steve Jobs

66 It is not that I'm so smart. But I stay with the questions much longer.

- Me (ha ha)

SELF-EDUCATION

Oct 1945

Growing Mushrooms in the Sky

PRINCETON VIA COURSERA 🖵



Nulla malesuada portitior diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam.

Results: Statement of Accomplishment.

Oct 2013

CS191x: Quantum Mechanics and Quantum Computation

BERKELEY VIA EDX 🖵



This online class was taught by Pr. Umesh Vazirani. It covered theoretical concepts of quantum physics (e.g. superposition of states, entanglement of particles) as well as practical implementations of quantum algorithms such as Shor's algorithm to factor large numbers.

Results: Statement of Accomplishment.

PUBLICATIONS

Nov 1905

Does the Inertia of a Body Depend Upon Its Energy Content?

Annalen der Physik 🖹

ANNALEN
PHYSIK UND CHEMIE

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam.

Sep 1905

On the Electrodynamics of Moving Bodies

Annalen der Physik

PHYSIK UND CHEMIE

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam.

Jul 1905

On the Motion of Small Particles Suspended in a Stationary Liquid

Annalen der Physik 🖹

ANNALES
PHYSIK UND CHEMIE

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam.

On a Heuristic Viewpoint Concerning the Production and Transformation of

Jun 1905

LightAnnalen der Physik **■**

ANNALEN
PHYSIK UND CHEMIE

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam.

(*) REFERENCES

My references are available upon request. Among others, they include:

Managers | Some Nobel Prize laureates
Reports | More Nobel Prize laureates