

AKSHEN DOKE

Student of life.

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Summary

Certified Scrum Product Owner with expertise in product development, machine learning research, and cloud computing along with a strong background in open-source teaching and promotion. Passionate about AI, robotics, and sustainable development. Experienced in managing training materials for cloud technologies, interdisciplinary collaboration, policy analysis, and public engagement. Previously a trainer for Python Language with FOSSEE, focused on driving innovative solutions and business impact.

Experience

Maxotopia Foundation

Mumbai, India

Co-Founder | This role helped me build my skills as a Product Owner.

10/2023 - 10/2024

Our mission is to transform the quality of living by fostering trust and greater collaboration between citizens and local governments.

- Spearheaded the development of the '**Let's Engage**' mobile application, which enables citizens to stay informed, raise issues, and submit complaints regarding their local wards in the city of Mumbai.

TerraAlto

Dublin, Ireland

Cloud Automation Engineer | Helped me understand how service-based IT cloud operates.

05/2021 - 06/2023

Looked after Managed Services for clients across multiple domains

- Worked on Amazon Web Services Cloud Provider which was used to host servers, services and backups.
- Deployed code pipelines, automated backups, provided customer support, and handled on-call duties.
- Created Scripts to save processing time for data collection.
- Created a documented process for the induction of new joiners.

FOSSEE, IIT-Bombay

Mumbai, India

Project Research Engineer | Wore multiple hats while in this position.

01/2017 - 06/2019

This role required me to work across development, promotions and teaching.

- Designed and developed a website for workshop bookings and delivered training sessions on Python programming.
- Mentored interns in building web tools for internal use and became an **Arctic Code Vault Contributor on GitHub**.
- Implemented strategies to spread awareness about open source tools in colleges across India, part of organization team of **Scipy-2019** event at **IIT-B campus**.

Education

National College of Ireland

Dublin, Ireland

Master's Degree in Data Analytics

09/2019 - 02/2021

Mumbai University

Mumbai, India

Bachelor's Degree in Computer Engineering

08/2013 - 06/2017

Thakur Polytechnic

Mumbai, India

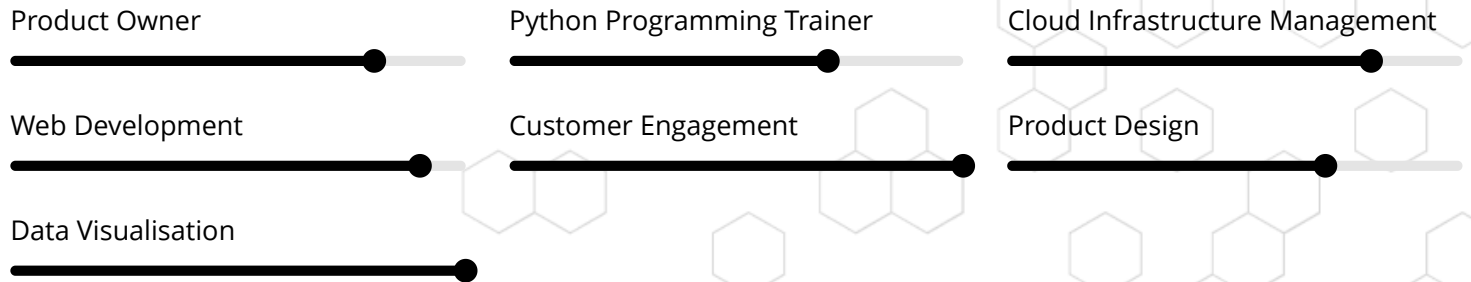
Diploma in Computer Engineering

08/2010 - 05/2013

Skills

Data Analysis and Interpretation · Research and Analytical Skills · AI tools, Prompt Engineering · Critical Thinking and Problem Solving · MS Office · Python · Linux · Git · CI/CD · Public Speaking and Presentation · Teamwork and Time Management · Ethics and Value Alignment · Entrepreneurial Mindset and Knowledge · Product Ownership · Product Design · Scrum · Product Management · Release Management · Tableau · Data Visualisation · AWS Solutions Architect

Industry Expertise



PAPERS PUBLISHED AND PROJECTS CREATED

Data Analysis, Visualization Product. — Created a Suite of Web, Mobile and Tablet application which helped in Visualization for Financial datasets.







Implemented image classification to detect COVID-19, normal, and pneumonia cases from chest X-ray datasets using ensemble methods. — Developed and trained machine learning models to classify and detect COVID-19 through chest X-ray scans.

Engima — Developed a desktop application that mimics the German encryption-decryption machine used during WWII for secure information transfer.

SSearch — is a browser extension that enhances web searches by enabling instant, customizable, site-specific queries using shortcut keys. It streamlines the process of searching platforms like GitHub, YouTube, and StackOverflow directly from the browser.

EyeCare — is a Chrome extension based on the 20-20-20 rule that helps reduce digital eye strain. It reminds users every 20 minutes to look 20 feet away for 20 seconds, encouraging healthy screen habits.

Interests

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|  Reading Books |  Bamboo Flute Music |  Video Games |
|  Football, badminton |  Horse riding, hiking and star gazing |  Philosophy |