

SARTHAK KULKARNI

Pune, Maharashtra, India

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PROFILE SUMMARY

Passionate Software Engineer with hands-on experience in Azure, DevOps, Python, Artificial Intelligence, Machine Learning, Real-time Data Pipelines, Time Series Analysis, C++, and Web development. Over a year of experience across multiple roles, building a strong foundation in data and software engineering. Proven leadership in student associations, sports, and cultural events, balancing technical expertise with teamwork and creativity.

EDUCATION**SavitriBai Phule Pune University, Pune**

Zeal College of Engineering & Research

Bachelor of Computer Science Engineering (Honors in Data Science) | May 2024

Maharashtra State Board, Pune

MTES Jr. College | May 2020 (Bifocal - Computer Science)

Dnyanaganga English Medium School | April 2018

Cyber & Science Olympiad | Hindi Rashtrabhasha

WORK EXPERIENCE**Hexaware Technologies, Pune, India**

Data Engineer | August 2024 – Present

- Developed a Time Series Analysis project using PySpark SQL on Azure Databricks for trend and anomaly detection.
- Built an automated end-to-end real-time data pipeline using Azure Data Factory and Databricks for efficient data ingestion, transformation, and storage.

Growthdigis IT Solution Pvt Ltd, Pune, India

Front-End Web Developer | July 2023 – September 2023

- Developed multiple webpages with responsive UI and backend integration.
- Deployed a website for a service provider company to digitalize their services.

CodeClause, Pune, India

Data Science Intern | April 2023 – May 2023

- Developed a Customer Segmentation Model using K-means for trend analysis.
- Created an AI-based Age & Gender Detection Model with data preprocessing and evaluation.

White Code Technology Solutions Pvt. Ltd, Pune, India

Trainee Software Developer | September 2021 – December 2021

- Developed websites for educational institutions with responsive UI.
- Researched and developed Smart Contracts and NFT creation.

Younity.in, Delhi, India

Growth Ambassador Program | June 2021 – July 2021

- Led a team of 15 interns, managing tasks and development strategies.
- Worked in business development and sales coordination.

TECHNICAL SKILLS

- **Programming & Data Science:** Python, C++, Java, SQL, Machine Learning, AI
- **Big Data & Cloud Technologies:** Microsoft Azure, Databricks, PySpark, Azure Data Factory
- **Web Development:** HTML, CSS, JavaScript, ReactJS, PHP, Bootstrap, MySQL
- **Tools & Platforms:** MS-SQL, Git, DevOps, Blockchain, Solidity

PROJECTS

Data Transform Using DataFactory Pipeline

[GitHub Link](#)

- Deployed a data pipeline using Azure Data Factory, integrating Databricks for transformation and Azure Data Lake Storage Gen2 for storage.

Customer Segmentation System

[GitHub Link](#)

- Built a customer segmentation model using K-means for better market insights.

PUBLICATIONS & RESEARCH

DizBoard: A Monitoring Dashboard Using Streamlit

IJSREM | [Paper Link](#)

- Developed "DizBoard," an interactive dashboard for real-time data visualization and analytics.

A Survey on Machine Learning Algorithms for Risk-Controlled Algorithmic Trading

IJSRST | [Paper Link](#)

- Explored ML techniques for risk-controlled algorithmic trading strategies.
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LEADERSHIP & EXTRA-CURRICULAR ACTIVITIES

Association of Computer Engineering Students

President

- Organized university-level hackathons, technical and cultural events.

Zeal Cricket Club

Student Sports Coordinator

- Led the college cricket team in tournaments, managing legalities and logistics.

Zeal Cultural Center

Acting Club Coordinator

- Directed and performed in state-level drama competitions.
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CERTIFICATIONS

- Python Data Structures & Algorithms ([Link](#))
 - Artificial Intelligence Foundation: Neural Networks ([Link](#))
 - Data Science Foundations: Fundamentals ([Link](#))
 - Learning Java ([Link](#))
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HOBBIES & INTERESTS

- Data Science
 - Sports
 - Traveling
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LANGUAGES

- English (Fluent), German (Basic), Hindi (Fluent), Marathi (Native)