

SWATI MAHESH KURAVATTIMATH

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PROFESSIONAL SUMMARY

Data-driven Computer Science Engineering student with strong skills in data analytics, web development, and DSA in Java. Proficient in Python, SQL, Power BI, and XAMPP, with projects on Blinkit sales optimization, Prime Video analysis, and AI travel planning. Leadership roles at IEEE (Chairperson, Secretary), driving technical events and community engagement. Passionate about solving real-world problems with data storytelling and scalable solutions.

TECHNICAL PROFICIENCIES

Languages: Python, Java

Frameworks: Node.js, React (basic), XAMPP, PHP

Tools: Power BI, MySQL, Git, Excel

Cloud: AWS (basic), Azure (basic)

Data Analytics: pandas, NumPy, Matplotlib

Core Skills: SQL | Power BI | Python | PySpark | Data Modeling | DAX | KPIs | Excel | Dashboard Optimization

INTERNSHIPS

Solukraft – Web Design Intern (July 2024 – Dec 2024)

Designed and revamped UI/UX for 5+ client websites, resulting in a 40% increase in session duration and a 25% drop in bounce rate. Enhanced mobile responsiveness and ensured cross-browser compatibility, increasing mobile user retention by 30%.

JP Morgan Chase – Virtual Intern

Successfully configured local dev environment and integrated 3 financial APIs, reducing setup time by 20% and enabling quicker onboarding.

Deloitte – Data Analytics Virtual Intern (Forage) July 2025

Completed tasks in **data analysis** and **forensic technology** through Deloitte's job simulation.

Analyzed datasets, detected anomalies, and generated actionable insights for client risk assessments.

Developed data-driven solutions aligned with Deloitte's professional practices.

PROJECTS

Blinkit Sales Insights Dashboard

Power BI, Excel, Data Cleaning

- Built a dynamic Power BI dashboard analyzing 3 months of sales data, outlet performance, and customer satisfaction ratings.
- Identified inventory inefficiencies across 10+ outlets, improving distribution by 25% and increasing regional sales by 15%.

Online Book Store

XAMPP, MySQL, PHP

- Developed a full-stack online bookstore serving 100+ daily users, featuring dynamic product browsing, cart management, and secure PHP-based order processing.
- Enhanced UX and reduced cart abandonment rate by 20%, leading to a 15% increase in successful transactions.

AI Fraud Detection System

Python, Machine Learning, Classification Algorithms

- Built a fraud detection system using classification algorithms on a dataset of 280K+ transactions, increasing model precision by 25%.
- Reduced false positive rate from 18% to 12%, enhancing risk mitigation for financial transactions.

ACHIEVEMENTS & AWARDS

Finalist – ACCS Design Challenge 2024

IIIT Bangalore, March 2025

- Selected from 50+ teams for the national finals with a tech innovation project under the mentorship of Prof. Habeeb Ur Rehman P.B.
- Represented P.A. College of Engineering at a prestigious national-level platform.

Research Publication – ERCICAM 2025

NMIT Bengaluru, March 2025

- Co-authored “Optimized Deep Learning Model for Multi-Class Student Performance Analysis.”
- Presented at the 2nd International Conference on Emerging Research in Computing, Information, Communication, AI & ML.

9th Place – Design Impact Challenge, IdeaSpring 2024

- Ranked Top 9 out of 80+ entries in a social innovation challenge organized by Titan Company Ltd.
- Presented the idea in the final round among the top 25 teams under the guidance of Dr. Mohammed Zakir B. 9th Place – Design Impact Challenge, IdeaSpring 2024

CERTIFICATE & WORKSHOPS

- **PowerApps & SharePoint Training** – April 2025
- **Cisco Networking Basics Certification** – 2025
- **Microsoft Power BI Workshop** – September 2024
- **Blockchain, Web3 & Cryptocurrency Workshop** – 2024
- **Postman API Testing Training** – 2024
- **CS50x – Harvard University** – 2024
 - **Data Analysis Foundations** – May 2024
- **Fundamentals of Digital Marketing (Google)** – March 2023

LEADERSHIP & ACTIVITIES

Chairperson – IEEE WIE & Computer Society, Secretary – IEEE P.A College Subsection

- Organized and led 5+ workshops on AI, Cloud Computing, and DSA, impacting 150+ students and boosting workshop engagement by 35%.
- Promoted diversity, inclusion, and peer learning through tech events.

Report Manager – Embed Club

- Documented 10+ IoT projects; managed technical content and reports.

LANGUAGES

English (Fluent)

Hindi (Fluent)

Kannada (Fluent)

Marathi (Basic)

German (Basic)

EDUCATION

B.E. in Computer Science Engineering (with Honors)

P.A. College of Engineering, Mangalore | 2022 – 2026

CGPA: 9.21 / 10

Relevant Courses: DSA in Java, DBMS, Operating Systems, OOPS, Machine Learning.