

Tejas M. Athalye

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Professional Summary

Driven Computer Engineering student with a solid foundation in programming, data analysis, and machine learning. Proficient in Python, Java, and C++, with practical experience in SQL, MongoDB, and cloud technologies. Adept at utilizing frameworks such as NumPy, pandas, scikit-learn, and TensorFlow to drive actionable insights. Certified in Microsoft Azure Fundamentals and Google Cybersecurity, demonstrating a strong grasp of cloud computing and cybersecurity. Eager to gain exposure to the corporate environment, where I can contribute my skills while continually learning and acquiring top-notch industry practices. Passionate about applying technical expertise to solve complex problems, enhance systems, and contribute to innovative projects.

Education

- **NBN Sinhgad Technical Institutes Campus, Pune, India** 2021-2025
Bachelors of Engineering (B.E.): Computer Engineering CGPA: 7.7 (Aggregate)
Leadership: Institute Theme Event Coordinator (Drone flying competition), Sinhgad National Level Springfest
 - **Sir Parashurambhau Junior College, Pune, India** 2019-2021
Higher Secondary Education (12th): Science (Vocational) Percentage: 88%
Achievements: National Games Participation - Karate, State Gold Medalist - Karate
 - **Dnyanadeep English Medium School, Pune, India** 2018-2019
Secondary School Education (10th) Percentage: 93%
Achievements: 2x National Games Participation - Karate, 2x State Gold Medalist - Karate
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Work Experience

- **KasNet Technologies Private Limited, Pune, India** 2023-2024
Cloud Computing & Project Management Intern
 - Managed virtual systems, ensuring robust security for cloud-based projects, which safeguarded sensitive data and enhanced system integrity.
 - Utilized Azure SQL to manage and analyze data, leading to a 20% improvement in data storage efficiency and retrieval speed.
 - Improved team collaboration by 15% through the implementation of Agile methodologies, resulting in more streamlined project delivery timelines.
 - Developed and deployed Power BI reports and dashboards, increasing data-driven decision-making efficiency by 30% and reducing reporting time by 25%.
 - Improved reporting efficiency by 30%, reducing data processing time by 2 hours weekly.
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Projects

- **CineSenseAI**
 - Developed an AI-driven system to enhance the movie-watching experience by providing personalized recommendations.
 - Trained the model using NLP, Cosine Similarity, and Sentiment Analysis to deliver accurate and relevant suggestions.
 - Built the application with Flask, AJAX, and the TMDB API, ensuring a smooth and interactive user experience.

- **STES Racing**
 - Contributed in building a formula-type electric vehicle (car) for FSAE competitions, which involved a team of 20+ students.
 - Developed the accelerator pedal positioning sensor (APPS) activation system logic, improving throttle response time by 12%.
 - Worked in powertrain, vehicle dynamics, and low voltage systems.
 - Programmed and integrated Arduino Uno with sensors, achieving a 93% accuracy rate in sensor data collection and application.
- **NodeUserify**
 - Created a user-friendly web application to manage user accounts, focusing on simplicity and ease of use.
 - Built the backend using NodeJS and MongoDB Atlas, ensuring the system is both reliable and scalable.
 - Designed an intuitive interface with JavaScript, HTML, and CSS, making the application responsive and visually appealing.
- **DataDrivenDev**
 - Designed a personal portfolio to showcase my full-stack development skills and creativity, drawing inspiration from the VSCode IDE.
 - Developed the site using React, NodeJS, and Next.js to ensure a seamless and dynamic user experience.
 - Implemented a sleek, modern interface with CSS and PostgreSQL for efficient data management and smooth performance.

Skills

- **Programming Languages:** Python, C++, Java
- **Technologies:** SQL, MongoDB, Cloud Computing (Azure), MS Excel, Power Query, Power BI, Linux, Generative AI, LLMs
- **Frameworks & Libraries:** NumPy, pandas, scikit-learn, TensorFlow, Keras, PyTorch, Streamlit, Matplotlib, Seaborn, React, NodeJS, NextJS, ExpressJS
- **Project Management & Tools:** Agile Methodologies, Risk Management, Stakeholder Management, Jira, MS Project, Asana
- **Version Control:** Git
- **Soft Skills:** Problem Solving, Critical & Analytical Thinking, Effective Communication, Team Collaboration, Leadership Skills, Drive for results

Certifications

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| ● Microsoft Azure Fundamentals (AZ-900) | 2024 |
| ● Google Data Analytics Professional Certificate | 2024 |
| ● Google Project Management Professional Certificate | 2024 |
| ● Google Cybersecurity Professional Certificate | 2024 |

Other

- **Languages:** English, Hindi, Marathi, Sanskrit, German
- **Interests & Hobbies:** Pencil Sketching, Karate, Aerospace Technologies, Automobiles Technologies, Trekking, Photography, Graphic Designing