Arjun Tomar

Software/ML Engineer

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STRENGTHS

💡 Analytical Prowess

Expertly navigated complex coding challenges leading to insightful problem resolutions, earning peer acknowledgment and trust.

</> Application Development

Strategically designed and implemented multiple projects resulting in impressive functionality, noted by instructors and collaborators.

👥 Collaboration Skills

Fostered productive interactions among team members, often representing bridging roles in group assignments to achieve common goals.

🔄 Adaptability

Quickly adapted to diverse programming paradigms, allowing rapid transitions between tasks without dipping productivity.

🖌 Creativity

Engaged in innovative designs and workflows, contributing significantly to class displays and presentations adeptly.

SKILLS

C/C++   SQL   Python   HTML   CSS

Javascript   Machine Learning   R

MS Excel   Data Structures

Algorithm Design

LANGUAGES

Hindi   Native

English   Proficient

SUMMARY

Proficient Software and Machine Learning Engineer with a solid foundation in Python, C/C++, R, SQL, and web technologies such as HTML, CSS, and JavaScript. Demonstrated experience in developing scalable systems while applying machine learning techniques across various domains. My analytical skills were particularly honed through diverse internships and competitive environments, revealing a strong commitment to utilizing technology for crafting innovative and efficient solutions. I have excelled through collaborative projects that spanned application development to algorithm advancement, solidifying my resolve to propel tech-forward advancements.

EXPERIENCE

Intern

IQAC Department, SGTU 📅 February 2025 - August 2025 📍 Gurugram

Contributed to research projects focused on skill enhancement under Professor Susanta Kundu's guidance. Engaged in various software debugging processes, boosting the efficiency of existing applications. Successfully developed a Flask-based data collection platform aiding IQAC in managing faculty and NAAC data through integration of front-end technologies including HTML/CSS/JavaScript alongside SQL for backend functionality.

- Conducted comprehensive research on system functionalities alongside expert oversight.
- Actively debugged code to enhance application performance and reliability.
- Crafted a sophisticated web-based platform integrating multiple technologies.
- Collaborated effectively in teams to deliver high-quality software solutions.

Trainee

ShapeMySkills Pvt. Ltd 📅 July 2023 - August 2023 📍 Noida

Acquired robust programming skills in Python and SQL during intensive training sessions. Led the development of practical projects such as a GUI calculator and a language translator, showcasing my ability to apply theoretical knowledge into real-world scenarios.

- Developed foundational projects enhancing my technical skills robustness.
- Explored advanced programming concepts in depth through hands-on exercises.
- Created functional applications emphasized practical use of programming languages extensively.

Trainee

PERK MINDS 📅 July 2025 - September 2025 📍 Noida

Gained expertise in advanced applications of C# and Python within modern web development environments. Delivered a fully fonctional food web application, facilitating users in menu browsing and order management setting roots for valuable industry experiences despite academic pressures.

- Designed a comprehensive web application revolutionizing food ordering processes.
- Synthesized backend compatibility using SQL to streamline user operations efficiently.
- Optimized user experiences through meticulous attention to design details and usability.

PROJECTS

Miniature 5G Network Development 📅 October 2024

Spearheaded a project to create a miniature 5G network, encompassing authentic IMS call flows, significant for ensuring seamless voice over newly integrated radio periphery.

Voice Diarization Framework 📅 July 2024

Engineered an advanced voice diarization solution, deploying custom ML pipelines to optimize speaker identification accuracy using recent methodologies.

Smart Digital Stall Management 📅 Present

Constructed a unique digital stall management platform employing live feedback loops aimed at enhancing participant experiences during events.

LEADERSHIP & AWARDS

- Project selected for Synergy 2024 showcase to demonstrate advanced networking implementations.
- First Prize winner at Environmental Fest 2025 quiz competition, reaffirming vast environmental knowledge through swift analytical engagement.

EDUCATION

Bachelor's Degree in Computer Science (Artificial Intelligence & Machine Learning)

SGT University 🎓 📅 2022 - 2026 📍 Gurugram

CERTIFICATIONS

- Python Certificate 📅 August 2023
- Machine Learning Certification 📅 February 2023

TECHNICAL SKILLS

- **Project Management Tools:** Trello, Asana, JIRA
- **Data Analysis Tools:** MS Excel, R, Power BI
- **Web Development Technologies:** HTML, CSS, JavaScript
- **Programming Languages:** Python, C++, C#
- **Database Technologies:** SQL Server, MongoDB, Firebase
- **Machine Learning Frameworks:** TensorFlow, PyTorch, scikit-learn
- **Networking Protocols:** TCP/IP, VoIP, SIP
- **Version Control Systems:** Git, GitHub, Bitbucket
- **Cloud Platforms:** AWS, Azure, Google Cloud
- **Integrated Development Environments:** Visual Studio, Jupyter Notebook, PyCharm

PROFESSIONAL AFFILIATIONS

- Active member of Samatrix.io focusing on enhancing knowledge through community-driven initiatives.
- Participant in ShapeMySkills workshops emphasizing powerful skill building with industry-leading practices.
- Participant in Perkminds workshops emphasizing powerful skill building with industry-leading practices.