

<div>Aryan Singh</div> <div>Final-Year B.Sc. IT Student Aspiring Java Backend Developer AI & Cybersecurity Enthusiast</div> <div><div><div><div></div></div><div>Manpada, Thane (W)</div></div><div><div><div></div></div><div>+916388233438</div></div><div><div><div></div></div><div>aggsijs527@gmail.com</div></div><div><div><div></div></div><div>https://artxportfolio.netlify.app/</div></div></div>			
Profiles	<div><div></div><div>tigpy</div></div>	<div><div></div><div>-aryan-artx-</div></div>	<div><div></div><div>aryan_artx</div></div>
Summary	Final-year Bsc. IT student at GN Khalsa College with interests in AI, backend development, Java, and cybersecurity. Passionate about creating secure and innovative solutions while quickly adapting to new technologies.		
Experience	<div><div>Internships</div><div>Developer</div><div><div><div></div></div><div>Completed a Web Development Internship at <i>Prodigy Infotech</i>, where I built and optimized responsive web applications.</div></div><div><div></div><div>Completed a C++ Programming Internship at <i>CodSoft</i>, developing projects such as a Number Guessing Game, Simple Calculator, and To-Do List Manager.</div></div><div><div></div><div>Enhanced problem-solving skills through competitive programming, earning a 1200+ CodeChef rating, actively participating on Codeforces, and solving 30+ problems on AlgoZenith.</div></div></div>	<div>Remote 2 Months</div> <div>Remote</div>	
Education	<div><div>guru nanak khalsa college</div><div>Information Technology</div><div>7.5 cgpa</div></div> <div>Strong foundation in programming, databases, and networking. Skilled in web and mobile app development, currently focusing on AI, cloud computing, and advanced web technologies. Developing AI-Powered Zero Trust Access Control with Blockchain Logging (ZTAI-Block) as the final-year project.</div> <div><div>satish pradhan dnyanasadhana college</div><div>PCM , CS</div></div>	<div>August 2023 - Present</div> <div>Bachelor's Degree</div> <div>July 2020 - August 2022</div> <div>Intermediate</div>	
Projects	<div><div>ZTAI - BLOCK</div><div>AI-Powered Zero Trust Access Control with Blockchain Logging (ZTAI-Block)</div><div><div></div><div>https://github.com/tigpy/ZTAI-Block</div></div></div> <div>Developing a security framework that integrates AI-based anomaly detection, Zero Trust authentication, and blockchain logging to provide intelligent, tamper-proof, and secure access control for modern networks.</div> <div><div>Technologies & Skills Used:</div><div><div><div></div><div>Programming & Development:</div><div>Java, Python, React.js</div></div><div><div></div><div>AI & ML:</div><div>Anomaly detection algorithms, Python ML libraries (NumPy, Pandas, Scikit-learn)</div></div><div><div></div><div>Cybersecurity:</div><div>Zero Trust principles, authentication models, and access control mechanisms</div></div><div><div></div><div>Blockchain:</div><div>Solidity, Smart Contracts, and IPFS for tamper-proof logging</div></div><div><div></div><div>Database & APIs:</div><div>MongoDB, MySQL, RESTful APIs</div></div><div><div></div><div>Tools:</div><div>Git, GitHub, Postman, VS Code, PyCharm</div></div></div></div>	<div>August 2025 - January 2026</div>	
Volunteering	<div><div>BMC School</div><div>Team Leader</div></div> <div><div></div><div>https://www.linkedin.com/feed/update/urn:li:activity:7352719785983406080/</div></div> <div>Conducted a cybersecurity awareness session at a BMC school, educating students on online safety, fraud prevention, and responsible digital practices.</div>	<div>March 2025</div> <div>Chembur</div>	
Professional Skills	<div>Problem-Solving & Debugging.</div> <div>Documentation & Reporting (MS Word, PowerPoint).</div>	<div>Writing clean, maintainable code (familiar with design patterns).</div> <div>Communication & Teamwork</div>	
Core Technical Skills	<div>Programming & Development</div> <div>C++, Java (Core + Advanced), Python (for AI/ML basics, scripting), OOP Concepts, DSA(Basic to Intermediate)</div> <div>Databases & Cloud</div> <div>MySQL, MongoDB, Git/GitHub, Docker basics, AWS/GCP (fundamentals), CI/CD (GitHub Actions)</div> <div>Cybersecurity</div> <div>Basics of Ethical Hacking, Web Application Security (OWASP Top 10), Vulnerability Assessment, Zero Trust Security Concepts.</div> <div>Networking</div> <div>TCP/IP, Firewalls, VPNs, IDS/IPS basics.</div>	<div>Web & App Development</div> <div>HTML5, CSS, JavaScript, PHP, ASP.NET, Android basics</div> <div>Backend Development</div> <div>Spring Boot, RESTful APIs, Hibernate/JPA</div> <div>AI & ML Basics</div> <div>Python ML libraries (scikit-learn, pandas, NumPy), Pathfinding/Search Algorithms, AI in Cybersecurity use cases.</div>	
Interests	Sketching , Reading books , Exploring technology-related articles		
Certifications	<div>OCI AI Foundations Associate (2025)</div> <div>Oracle</div> <div>Mastering Data Structures & Algorithms using C and C++</div> <div>Udemy</div> <div>The Complete Full-Stack Web Development Bootcamp</div> <div>Udemy</div>	<div>September 2025</div> <div>December 2025</div> <div>December 2025</div>	
Tools & Platforms	<div>Version Control</div> <div>Git, GitHub.</div> <div>Collaboration Tools</div> <div>JIRA, Trello, Notion.</div>	<div>IDEs</div> <div>IntelliJ IDEA, PyCharm, VS Code.</div> <div>Others</div> <div>Postman (API Testing), Burp Suite (security testing), Wireshark.</div>	
Languages	<div>English</div> <div>Intermediate (conversational)</div>	<div>Hindi</div> <div>Native / Fluent</div>	<div>Marathi</div> <div>Basic proficiency</div>