



## KUSHAGRA BORSE

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[Kushagra Borse \(kushagra-borse-web-portfolio.vercel.app\)](https://kushagra-borse-web-portfolio.vercel.app)

<https://github.com/Kushagra-Borse>

To associate myself in a growing and challenging tech organization that has vast opportunity to learn, that allows me to leverage my technical knowledge, collaborate with a talented team, and further develop my skills.

**Technical Skills:** Java, Python, testing lifecycle

**Certifications:** Google Cloud Digital Leader

**Worked on:** CNN, GAN, Stable diffusion, detection transformer, Runpod, React, Node, MongoDB, Arduino and a bit of TPU and docker.

**Interests In:** Tinkering with software, electronics and Arduino.

Professional experience		
Qualification	Year	Organization/Company
Software Engineer I	Aug 2025 - Ongoing	Bank of America

ACADEMICS			
Qualification	Year	Educational institution	CGPA/Percentage
B.Tech (CSE)	Aug 2021 - Aug 2025	Vellore Institute of Technology, Chennai	9.2/10
Class XII (Electronics)	April 2021	B.K. Birla College, Kalyan, Maharashtra	97.5%
Class X	March 2019	Don Bosco School, Kalyan, Maharashtra	91.4%

Work experience / INTERNSHIP	
C4Scale May 2025 – August 2025	<ul style="list-style-type: none"> <li>● <b>Applied AI Engineer intern</b></li> </ul> <p>Worked on multiple projects. Worked on fastAPI, Runpod and Llama Prompt Guard.</p> <ol style="list-style-type: none"> <li>1. Developed a prompt injection detection and classification system using Llama Prompt Guard, implementing FastAPI endpoints to process user prompts and return real-time safety classifications.</li> <li>2. Built an automated model-training pipeline using RunPod, Docker, FastAPI, and Streamlit, where users provide training inputs to dynamically spin up GPU pods, launch training jobs, monitor live training progress, and download trained model weights.</li> <li>3. Engineered a voicebot wrapper using Gemini and Deepgram, enabling users to interact through natural speech or text and receive responses in both audio and text formats for a seamless multimodal experience.</li> </ol>
C4Scale November 2023 – April 2024	<ul style="list-style-type: none"> <li>● <b>Applied AI Engineer intern</b></li> </ul> <p>Building a text-to-image product. Using GAN, YOLO, CNN, Stable Diffusion and fine tuning it. Working in a team of 5 interns, we built a product from scratch. We made, collected, analysed, filtered out the data and labelled the data, made CNN and GAN from scratch and had YOLO and Stable Diffusion as helping models. Worked and tinkered with TPUs.</p>

CO-CURRICULARS	
Image Classification Competition	<ul style="list-style-type: none"> <li>● ML/DL Contest on Image Classification</li> <li>● Image Classifier Based on CNN model to classify images from four distinct datasets related to various eye conditions, enabling accurate and efficient diagnosis.</li> </ul>
Kavach Hackathon	<ul style="list-style-type: none"> <li>● Participated in Kavach and Vnest hackathon(team of 6). Build a product for fake news detection. A website was built of four features: fake news detection using text, using text from photos, news feed from trusted sources, extension for browser.</li> </ul>
Project	<ul style="list-style-type: none"> <li>● Made many small websites using React js and using html,css &amp; javascript.</li> <li>● Made electronics projects. Made piano, small Arduino projects (proximity sensor alarm, led display animation)</li> </ul>

EXTRACURRICULARS AND ACHIEVEMENTS	
Achievements	<ul style="list-style-type: none"> <li>● Gave an hour-long Student Seminar Session on 'How companies secure their data'</li> <li>● Mentored my brother till coding bee finals. Made a "Green Soldier" arcade game. Made using python and pygame library.</li> </ul>
Extra-curriculars	<ul style="list-style-type: none"> <li>● Participates in college events: Hacker Horizon (speaker Ankit Singh, one of the top hackers in the country), electronics arduino event.</li> <li>● Contributed to club (PlaceXP club, Linux club, HumanoidX) events.</li> </ul>

ADDITIONAL INFORMATION	
Hobbies	Tinkering with electronics, 3D modeling, tinkering with software(github, web dev, docker), Guitar, sports
Languages	English, Hindi, Marathi