






# ARBABZ ALI

## CONTACT

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## SKILLS

**Languages:** Python, JavaScript (basics)  
**Web development:** HTML5, CSS.  
**Database :** MongoDB.  
**Frameworks:** Flask, PyMongo, Bootstrap.  
**Version Control :** Git & GitHub  
**Tools :** VSCode, Pycharm, MongoDB compass  
**Operating systems:** Ubuntu, Win10, Win11  
**Scripting:** Bash, JavaScript.  
[Both beginner level ]

## EDUCATION

**Ayesha English school**  
Class 10th :- 75.68% Class of 2015

**Vivekananda PU College**  
Class 12th :- 63.2% Class of 2017

### Ghousia College of Engg

**Bachelor of Engineering**  
Branch:- Electronics and communication Engineering  
CGPA:- 7.5  
**2017-2021**

## LANGUAGES

English   
Kannada   
Hindi 

## OBJECTIVE

An inquisitive and highly motivated individual looking for a challenging role in an organization where I can use my knowledge base to improve my professional and interpersonal abilities and contribute to the success of the organization as well as myself.

## WORK EXPERIENCE

### Post Silicon Validation Engg UST Global (Intel)

2021-Present

- Setting up the Customer Reference platform or Reference Validation Platform (RVP's) with Intel SOC and validating the Microsoft OS.
- Responsible for the development of Methodologies, execution of validation plans/coverage, and debug failures.
- Analyzing test Results and identify the potential issues, Reporting the issues using ticket based Bug filing Process.
- Proficient in Windows and Kernel Debugging, Post-silicon bug verification and isolation, Hardware Debugging and Isolation.
- Responsible in validating the functionality of new architectural features of next generation designs by developing test plans, tests content, test tools.
- Responsible for multimedia validation and related technologies with respect to intel's next gen processors.
- Performed Sanity and smoke testing with latest upgrades of drivers and UEFI Performed Regression testing and re-test actions with fixed bug.
- Hands on experience in benchmarking tools Unigine heaven, 3DMark11, Lux Mark. Graphics API's OGL, OCL. Worked on Dolby vision, Display docks.
- Graphics display features like PSR, HDCP 1.4 and 2.2, display resolution, rotation, refresh rates. Video outputs DP, HDMI, Type C, WiDi display technologies, Miracast.
- Bug life cycle, defect logging, sufficient logs captured using various debugging tools and tracking until bug closure, support development in bug reproduction and debug flows. Replicate, root cause, disposition and solve problems with respective software.
- Familiar with ACPI states like S0, S3, S4, S5 and Connected stand by and Power test, stress test and Sx cycling using long run tools.
- Worked on Display features, display audio, multi-source, display configs and similarly on Display features, display audio, multi-source, display configs.
- Good Knowledge of Benchmarks to improve product's quality and performance of silicon and graphic card.
- Strong passion for playing, testing, and debugging games for computers and other platforms.
- Knowledge of gaming industries, embedded system designs, GPUs, and the semiconductor ecosystem.
- Responsible for Game debugging/triage for multiple issues like - Performance, Stuttering, Game lag, Input lag, Low FPS, and functional failures.
- Hands on experience in collecting log (ETL Logs, SOCWATCH), analyzing different dumps using windbg.
- Volume validation of highest played marketing-suggested games with all the available Graphics APIs (DX9, DX10, DX11, DX12, OpenGL, Vulkan & DX 12 Ultimate).
- Hands on Experience in different validation tools like ICT tool, Intel PTAT tool, Intel RWeverything tool, Capframex, msi-afterburner, IGCC, Windbg, Sensor view, dediprog, Socwatch, whit pearl and system data recorder tool.

## CERTIFICATES

### Python Masterclass

[08/2022 -09/2022] - Udemy

### Python Zero to Hero

[06/2021- 07/2021] -Udemy

### JavaScript Basics

[04/2022 -04/2022]- Hackerrank

### HTML CSS JS For Web Developers

[01/2021 -02/2022] - Coursera

## INTERNSHIP

### Technoclog

- Trained on Programmable logic Circuit, got familiar with ladder logic , simulation, Different types of PLC's.
- Trained on Supervisory Control and Data Acquisition system.
- Hands on experienced on bottle filling system using PLC'S and SCADA.
- Familiar with Wplsoft and Scada soft.
- Completed project on Traffic light control system using Ladder logic and SCADA.

## INTERESTS

Tech Enthusiast

Pc/Mobile Gaming

Movies

Travel

## ACHIEVEMENTS

- **UST-Shining star:** Was Recognized for completing task and work done within given time in multimedia and Gaming domain.
- **Townhall meetup with Semicon chief UST:** was selected for townhall meetup with semiconductor chief in UST.
- **Hacktober-fest opensource event 2021:** Hacktober fest is month-long yearly global celebration of open source software run by digital ocean. Contributing to 4 open source projects will result in completion of this event.
- **Python 3 star coder:** Got recognized as 3 star python programmer for solving python problems in Hacker-rank.
- **30 days of python:** Completed 30 days of python challenge in Hacker-rank.
- **10 days of JS:** Completed 10 days of Javascript challenge in Hacker-rank.

## PERSONAL PROJECTS

### Simple Blog Website using Python

- It's very simple and easy to use minimal blog website like all normal blog website.
- A user can register to website by signing up and can login using login page and add posts to the feed and delete the posts .
- Made this project while learning python Flask framework.
- Technologies used : MongoDB, Python, Flask, Bootstrap-CSS , HTML.
- Hosted this website in AWS cloud service EC2 Instance and used docker containers.
- Github repo: <https://github.com/Arbaxali/UST-/tree/main/final%20project1>

### Python Voice command Program (Like Alexa)

- A project to create a very basic personal assistant that can read both text input and speech, and can also do other things besides talk.
- Using Python, the speech recognition, Wikipedia, and Python text modules were imported to develop the project.
- It can play music, snap images, and retrieve information from Wikipedia with a spoken command.
- It can also do some limited OS operations like shutdown, restart, closing application.
- Github repo:<https://github.com/Arbaxali/alice-ai>