Sushant Bhalerao
Master of Technology
in Computer Science Engineering
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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Master of Technology	Indian Institute of Technology, Ropar	8.13 (Till 2nd Sem)	2022-2024
Bachelor of Technology	Pune University	9.13	2017-2021
HSC	Maharashtra State Board	72 %	2017
SSC	Maharashtra State Board	88 %	2015

EXPERIENCE

- **Persistent Systems** *July 2021 - July 2022*
  Software Developer Pune
  – Worked as a Salesforce Developer
  – Used Technologies APEX,Java,C++.

- **SBProduction** *Nov 2019 - Nov 2020*
  Game Developer Kopargaon
  – Worked as a Indie Game Developer
  – Developed 2D and 3D games using Unity Engine, C# and Deployed on Play store.

PROJECTS

- **Visual Memory Simulator** *August 2023 - Present*
  Dr. Neeraj Goyal **gitlink**
  – Developing a Cache simulator where one can visualize a memory and understand internal working of cache,Memory accesses for different programs.

- **Fruit Qaulity Detection and Classification using Deep Learning** *Mar 2023 - May 2023*
  Dr. Neeraj Goyal , Dr. Mukesh Saini **gitlink**
  – Developed a Web Application which captures an image using camera, detects fruits among it and classify it into fresh or rotten category.

- **Identification using Sclera Segmentation** *Feb 2023 - Mar 2023*
  Dr. Puneet Goyal **gitlink**
  – Performed a sclera segmentation for identification of a person using Deep Learning models.
  – Analyzed performance of Unet,Segnet,FCN models for segmentation.

- **Morphing** *Jan 2023 - Feb 2023*
  Dr. Puneet Goyal **gitlink**
  – Morphed One Human Face into another using Delaunay Triangulation in Python.

- **AIMS Portal** *Oct 2022 - Nov 2022*
  Dr. V. Gunturi **gitlink**
  – Developed Desktop Database Application like AIMS portal to register into courses using Python,SQL

- **Multiplayer Snake Game** *Dec 2019 - Apr 2020*
  Personal Project **gitlink**
  – Developed a Multiplayer Snake Game using Doubly Linked List in C++.

TECHNICAL SKILLS

- **Programming Languages**: Assembly, C, C++, Java, Python
- **Simulators**: Champsim(Cache), Ramulator(DRAM)
- **Skills**: Web Development, Data Structure and Algorithms, Computer Architecture
- **Tools & Technologies**: Salesforce ,APEX, SQL,Rest API's
- **Operating System**: Linux, Windows

KEY COURSES TAKEN

- **CSE** : Algorithm & Data Structure, Computer System, Image Processing, Machine Learning
- **Maths & Others**: Linear Algebra, Probability, Memory System Architecture

POSITIONS OF RESPONSIBILITY

- **Teaching Assistant** ,Computer Architecture,Computer Systems, IIT Ropar *Jan. 2023 - Present*
- **Owner**,SBProduction, Indie Game Developement Company *Apr. 2018 - Apr. 2020*

MISCELLANEOUS

- **Cleared Gate exam**,Gate Percentile 98.92% *2022*
- **Academic Performance**,Won two Coding Competition in BTech *2019*
- **Achievements**,Gold Batch in Problem Solving on Hackerrank *gitlink*