

CONTACT

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 [https://atishay17.github.io/My\\_Portfoli/](https://atishay17.github.io/My_Portfoli/)

TECHNICAL SKILLS

- HTML, CSS, Latex
- Python, Numpy, Pandas, Pytorch, Scikit-Learn, Keras
- MySQL, Next.js
- C++, Data Structures and Algorithms

LANGUAGES

- English (Fluent – Full Working Proficiency)
- Hindi (Native Speaker)
- Spanish (A0-A1 Level)

POSITIONS OF RESPONSIBILITY

- Executive

Apr 2023- Apr 2025

BVPINc Society, BVCOE

  - Volunteered for tasks assigned by the heads, including coordinating event logistics and managing registration desks during college fests.
  - Mentored the juniors for various events and occassions.
- Content head

Dec 2023- Nov 2024

Codechef tech Society, BVCOE

  - Part of the content team and provided works to other volunteers.
  - Made various reports for events like technotic and expert speaker session.
  - Worked as a tech member and took part in tech quizzes and games.
- Member

Mar 2023- Dec 2023

Codechef tech Society, BVCOE

  - Worked as a tech member and took part in tech quizzes and games.

EDUCATION

Bharati Vidyapeeth's College of Engineering (BVCOE)

2022 – 2026

B.Tech in Computer Science and Engineering

Relevant Coursework: Object-Oriented Programming, Operating Systems, Natural Language Processing, Software Engineering, Computer Vision and Image Processing

Grades: 8.3/10 (CGPA)

Lord Mahavira Academy

2021 –2022

Class XII | Central Board of Secondary Education (CBSE)

Grades: 92.4%

Lord Mahavira Academy

2019 –2020

Class X | Central Board of Secondary Education (CBSE)

Grades: 90.8%

WORK EXPERIENCE

Research Internship | Image Segmentation | PepperLabs AI Solutions

Jun 2025 – Jul 2025

- Worked on U-Net variations, including double U-Nets to improve segmentation accuracy for foot ulcer detection.
- Utilized the PH2 dataset to support automated and reliable medical image diagnosis.

PROJECTS

AI-Powered Lesson Generator | Next.js, TypeScript

Jun 2024

- Built a full-stack educational platform using Next.js 14 and Groq Llama 3.3 70B to auto-generate interactive lessons and quizzes, with serverless APIs, async AI generation, and robust JSON validation/error handling (95% success across 100+ tests).
- Integrated Tacotron TTS for generating natural-sounding speech as part of the same summer training project.

Spam Detection using SOC | Deep learning

Mar 2025

- Developed a real-time email spam detection system using Random Forest and DistilBERT for efficient classification as part of a college mini project.
- Developed a dynamic quiz interface with real-time validation, scoring, and visual feedback using React Hooks and Tailwind CSS, enhancing overall user engagement and usability.

Efficient Voice Cloning | Machine and Deep Learning

Jun 2024

- Developed a voice cloning system combining AutoVC for speaker identity preservation and WaveGAN for GAN-based voice synthesis during college in-house summer training.
- Integrated Tacotron TTS for generating natural-sounding speech as part of the same summer training project.

CERTIFICATIONS

- AI , ML and DL using Python, Intel Certified Course

Jul 2024
- Certified 5-Day Workshop , MSME (Ministry of Micro, Small & Medium Enterprises), Govt. of India

Aug 2024
- Data Science in Python by Acmegrade Pvt Ltd

Feb 2024
- Data Science Math Skills, Duke University (Coursera)

Nov 2023
- Excel for Data Analytics, Chegg

Oct 2023

COMPETITIONS

- Achieved **2nd place** (out of 20 teams) in the RRR (Reconceive | Rethink | Revise) competition organized by GDSC Society BVCOE
- Secured **1st place** (out of 12 teams) in the AI/ML/DL summer training competition in-house college and Successfully developed a voice cloning system

