Harsh Narayan Jha

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EXPERIENCE

Company, Location — *Job Title*

MONTH 20XX - PRESENT

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EDUCATION

Birla Institute of Technology, Jharkhand — *B.Tech*

2023-Current

B.Tech in Computer Science and Engineering (CGPA: 9.02) – Expected 2027

- Coursework: Linear algebra, Discrete Mathematics, Operating Systems, Computer Architecture, Data Structures, Algorithms

Kendriya Vidyalaya No. 1 AFS, Darbhanga, Bihar — *10+2*

2016-2023

Senior Secondary/Higher Secondary Certificate (94.4% 10th and 90% in 12th)

- Coursework: Physics, Mathematics, English, Basic Computing, Python, SQL

LANGUAGES

(Proficient) **Python**, JavaScript/**TypeScript**, C/**C++**, HTML/CSS

(Familiar) Java, **Swift**, **Rust**

(Limited) **Dart**, Kotlin

FRAMEWORKS

(Proficient) **Django**, **Flutter**, NodeJS, **VueJS**, **TailwindCSS**, **Pandas**, Numpy

(Familiar) **ReactJS**, React Native, Scikit-Learn, **Keras**, Tensorflow

SKILLS

Problem Solving

Self Learning

Machine Learning

Artificial Intelligence

Web Development

App Development

Game Development

Open Source

Firmware (Interested)

AWARDS

Harvard CS50x: CS50's Introduction to Computer Science. Awarded from Cambridge, Massachusetts on completion of CS50.

Fullstackopen Completion: Awarded by the University of Helsinki on completion of 5 ECTS online course with grade 2

Honorable mention in SWIFF: The Honorable mention Letter for the animation short, "The Cycle", by the Student World Impact Film Festival

TECH / TOOLS / WORKS

(Proficient) **Firebase**, **GitHub**, Google Cloud, **Blender**, **Unity**, Godot, Adobe*

(Familiar) AWS, *SQL, MongoDB

(In Use) **Arch Linux**, Android, iOS, **Active Open Source Contributor**

PROJECTS

Instasolve (github.com/HarshNarayanJha/Insta-Solve)

A mobile app that helps students learn new things and solve their doubts. It leverages the Google Gemini API to solve and answer doubts. This app was a submission to the Google Gemini API Developer Competition.

Utilized: **Flutter/Dart**, **Hive**, REST APIs, **Google Gemini**, Prompt Engineering

PYQNow (https://pyqnow.netlify.app)

A web app that helps students to quickly open Past Year Question papers, without wasting time and focus on solving papers right before the exam.

Utilized: **VueJS**, JSON, Prompt Engineering, Netlify

Arcane Quest (https://harshnarayanjha.itch.io/arcane-quest)

An action-adventure game created in Godot Engine for the GitHub Gameoff 2024 (a Game Jam). Ranked #154 overall out of 521 entries from 24 ratings.

Utilized: **Godot**, GitHub, Game Art, GDScript, Game System Design

School Management
(github.com/HarshNarayanJha/School-Management-Project)

The de-facto School Management Project, with features like Marks entry and Result Card generation. A collaborative project with my Sir!

Utilized: **Django**, Python, Django REST API, PythonAnywhere

ACHIEVEMENTS

Advent Of Code

https://github.com/HarshNarayanJha/AdventOfCode

Participated in Advent of Code without fail every year since 2022, using languages like Python, C++, Rust and my brain. Collected a total of 85 stars ⭐, with the best global rank of 322 last year.