

# HARSHWARDHAN NATU

Pune, Maharashtra

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## Education

### DY Patil College of Engineering

Bachelor of Engineering in Electronics and Telecommunication (CGPA of 9.06)

July 2019 - June 2023

Maharashtra, India

### Ryan International School

Class XII Higher Secondary Education (CBSE) (78 %)

July 2017 - June 2019

Mumbai, India

### Seven Square Academy

Class X (CGPA OF 10)

July 2016 - June 2017

Mumbai, India

## Experience

### Virtusa

Software Engineer Intern

Jan 2023 - present

Pune, India

- Developed responsive and user-friendly interfaces using modern front-end frameworks such as **ReactJS**
- Designing and implementing **RESTful APIs** and integrating them with databases using technologies like **Node.js**, **Express**, and **MongoDB**.

### TeknoGeeks

Machine Learning Intern

Apr 2022 - July 2022

Pune, India

- Developed and implemented state-of-the-art neural networks, **BERT** models, and **NLP** techniques, resulting in a 15% increase in accuracy for sentiment analysis.
- Leveraged TensorFlow and Keras to build robust and efficient models ,significantly **reducing training time by 20%**
- Collaborated with a team of data scientists to tackle complex problems, resulting in the successful development of a **chatbot with 90% customer satisfaction rating**.

### Zensar

Employee Skill Development Trainee

Oct 2021 – Mar 2022

Pune, India

- Attended comprehensive training sessions, gaining proficiency in **JAVA**, **SQL**, and **Aptitude**

## Projects

### VirtuShop | HTML, CSS, JavaScript, React JS, Node JS, Firebase | Live Link

- Resulted in a lightning-fast user experience with a **35% reduction in page load time** and a **50% increase in overall website performance**.
- Efficiently handled concurrent requests, ensuring seamless functionality even during peak traffic periods. Resulted in a **40% improvement in server response time** and a **25% increase in overall system reliability**.
- Safeguarded information and ensured compliance with industry-standard security protocols. Resulted in a **100% track record of data integrity and user privacy**.

### AuraBeat | ReactJS, Tailwind CSS, Redux | Github Link

- State-of-the-art music player, **advanced search capabilities**, **immersive lyrics functionality**, worldwide top charts, and personalized music streaming experience using **Redux**
- Advanced search functionality thoffers **rapid results**, including a comprehensive lyrics feature and worldwide top charts

### AI-Infused 3DWebX | React JS, Three JS, Tailwind CSS, Dalle AI, Framer Motion | Github Link

- Leveraging **DALLE AI** for Customized 3D Model Personalization in my **completely responsive** website
- Using **Higher Order Components (HOCs)** and other reusable patterns, I have ensured that the codebase is highly maintainable, scalable, and adaptable

## Achievements

- Oracle certified** Java SE 8 Associate Programmer
- 3\*** Coder at Codechef with rating of **1670**, **5\*** on HackerRank & ranked **51,000** globally on Leetcode
- Authored and published research paper on disease prediction leveraging the power of Deep Learning methodologies

## Technical Skills

**Languages:** C++, Python, Java, HTML/CSS, JavaScript, SQL

**Technologies Frameworks:** Node JS, ReactJS, Bootstrap, Tailwind, JQuery, Express JS, Flask, Django

**Databases & Version Control:** Firebase, MongoDB, MySQL, Git & Github