HARSHWARDHAN NATU

Pune, Maharashtra

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Education

DY Patil College of Engineering	**July 2019 - June 2023**
*Bachelor of Engineering in Electronics and Telecommunication (**CGPA of 9.2**)*	*Maharashtra, India*
Ryan International School	**July 2017 - June 2019**
*Class XII Higher Secondary Education (CBSE) (**78 %**)*	*Mumbai, India*
Seven Square Academy	**July 2016 - June 2017**
*Class X (**CGPA OF 10**)*	*Mumbai, India*

Experience

Virtusa — **Jan 2023 - present**
Software Engineer Intern — *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 — **Apr 2022 - July 2022**
Machine Learning Intern — *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 — **Oct 2021 − Mar 2022**
Employee Skill Development Trainee — *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   **4**
- 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 , Shazam* | Github Link   **4**
- 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   **4**
- 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