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HARSH BAJPAI

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EDUCATION

Alwar, India	Laxmi Devi Institute of Engineering and Technology	2018 – 2022
<ul style="list-style-type: none">• B.Tech in Computer Science, 2022.• Undergraduate Coursework: Data Structures; Algorithms; Operating Systems; Databases; Programming Languages; Computer Architecture; Theory of Computation; Compiler Design; Information Security.		

EMPLOYMENT

Product Engineer	Amoga Software Private Limited	June 2023 – Present
<ul style="list-style-type: none">• Designed and developed seamless integrations between diverse platforms to optimize business processes and improve customer experience.• Use Optimize Python instead azure for data abstraction from pdf the manual effort and cost of the client.• Leveraged knowledge: JavaScript, Python, ReactJs , Rest API.		
Python Developer, Intern	IBV Technologies Pvt Ltd	April 2023 –May 2023
<ul style="list-style-type: none">• Developed an old car price calculator using python and Tkinter.• QR generator using for user encrypted data and parcel details for transport and billing purposes.• Leveraged knowledge: Python, Tkinter, Rest API.		

SOFTWARE PROJECTS

Notedify	Feb 2025 –March 2025
<ul style="list-style-type: none">• It is a ReactJs based project that securely stores users notes on cloud, incorporating user-specific encrypted passwords.• Used Technologies like ReactJs for building frontend and Express for developing APIs and NodeJs for backend Support and Mongo db for data storage and JWT encryption for secure authentication.	
SnapNews	Jan 2025– Feb 2025
<ul style="list-style-type: none">• This project helps user to read daily updated news.• SnapNews utilizes the NewsAPI(Open-source service) to fetch news and display according to country and category.• Technologies like ReactJs, NextJS are used for data visualization.	
Voice command Assistant	Oct 2024 – Dec 2024
<ul style="list-style-type: none">• It uses users voice command using voice recognition and perform tasks like adjust system volume and opening apps.• Uses current time to remind users of their to-do tasks and greets the user.• It is built on Python using various libraries like SpeechRecognition and pyAudio.	

ADDITIONAL ACHIEVEMENTS

- Python and Problem Solving certified from HackerRank. (<https://www.hackerrank.com/certificates/847ed35112b8>)
- Front End Web Development certified from Udemy: [Certificate Link/Udemy](#)

LANGUAGES AND TECHNOLOGIES

LANGUAGES: Python, JavaScript, ReactJS, NodeJS, CSS, HTML, JSON.

TECHNOLOGIES: Postman, Git, GitHub, VsCode, Jupyter Notebook, Bootstrap