Deepanshu Singhaniya

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| **EDUCATION** | | | |
| 1. TECH   Major in Software Engineering  Minor in Data Analytics | 2019-2023 | Delhi Technological University | CGPA: 8.79 |
| Class XII (CBSE-AISSCE) | 2019 | White Leaf Public School, Delhi | Aggregate(%): 92.4 |
| Class X ( CBSE-AISSE) | 2017 | White Leaf Public School, Delhi | Aggregate (%): 95 |

**EXPERIENCE**

**Software Engineer, Havells India Limited**

**07/2023 - Present | Noida, Uttar Pradesh, India**

* **Call Masking** **:** Developed call masking system to anonymize phone numbers, safeguarding privacy and automating call logging/recording for better data accuracy. Also enhanced the user experience.

Reduced manual call logging and improved data accuracy by more than 95%. | **[Certificate](https://drive.google.com/file/d/1qM1wy1Jn4jS_U7SeeBnM3pW0FTdTq8bc/view?usp=drive_link)**

* Developed a grievance handling system to capture the grievances with auto-escalation.
* **Technology:** JavaScript, C#, React, PCF, Azure DevOps, Git.

**Internship, Havells India Limited | [Certificate](https://drive.google.com/file/d/1iH4C1kopW_dX-PCgVGxNLIApXV-4Ncfz/view?usp=drive_link)**

**01/2023 - 07/2023 | Noida, Uttar Pradesh, India**

* Designed and developed bot using Microsoft Bot Framework SDK | Integrated them through teams channel Implemented NLP and CLU for natural language understanding using Azure Cognitive Services.
* Consolidation of more than 50 APIs using .Net 7 based on restful architecture.

**Full Stack Web Developer, Internship | [Certificate](https://drive.google.com/file/d/1l8XY79FgIqAJxGrEzOYqYhA_TYye8fV_/view?usp=drive_link) | [LOR |](https://drive.google.com/file/d/15Op6y0jti8hSnXRqz-BLDsiBrPn2G5KF/view?usp=drive_link) [LOA](https://drive.google.com/file/d/15orJ4sEF9YstOMQ2GbFyGjSk-f2HHBuU/view?usp=drive_link)**

**06/2022 - 08/2022 | Delhi, India**

* Designed, developed and deployed full-stack web application which processed, analyzed, and rendered data visually using ReactJS and JavaScript.
* Wrote structured, tested, readable and maintainable code for fully functional dashboards for chat and blog sections.
* Ensured the performance, quality and responsiveness of 6+ components.

**Evaluating Deep Learning Methods for Classifying Bugs | [Paper](https://drive.google.com/file/d/1WZFzOoxjYajqDhTbtrXFJZUq4Z65JBNN/view?usp=drive_link) | [Certificate](https://drive.google.com/file/d/12XcqqWefH3DAedlNREbGSysEGrfpJBzy/view?usp=drive_link) | [Link](https://ijsrst.com/home/issue/view/article.php?id=IJSRST523102143)**

**RESEARCH PAPER**

Machine Learning and Software Testing

* **Automated bug triaging system** that takes the bug title and description as input and assigns it to one of the available developers.
* Developed a machine learning model using **Deep Bidirectional Recurrent Neural Network** with Attention mechanism and with Long Short- Term Memory units (LSTM) to triage bugs.
* Tech- Python, NumPy, NLTK, Keras, Word2Vec

**Extended Hamming Code | [GitHub](https://github.com/Deepanshu-Singhaniya/Extended-Hamming-Code) APR 2021 – MAY 2021**

**PROJECTS**

Web development and Digital Electronics

* Simulated the process of data introduction, encryption, transmission, error introduction, detection, correction, and decryption using **hamming codes principles**.
* Included the hamming codes **circuit simulation** for a better understanding of the concept
* Tech-ReactJS, JavaScript, Material-UI, NodeJS, hamming codes

**Restaurant Recommendation System | [GitHub](https://github.com/Deepanshu-Singhaniya/Restaurant-Recommendation-System-) JUL 2021 – NOV 2021**

Machine Learning

* Developed a machine learning model based on content based filtering to recommend restaurants according to **TF-IDF scores.**
* Used Zomato dataset for developing model which takes place as an input
* Tech and concepts - Python, Machine Learning, NumPy, pandas, TF-IDF
* [Microsoft AI Classroom Series](https://drive.google.com/file/d/1BivtzXHx3KR7XO3OqgwLPXyw1vv6wbl_/view?usp=drive_link) Trained on topics like AI, Machine learning, and Data Sciences topics with lab exercises using Microsoft Azure services.

**[ACHIEVEMENTS AND AWARDS](https://drive.google.com/file/d/1BivtzXHx3KR7XO3OqgwLPXyw1vv6wbl_/view?usp=drive_link)**

* Amazon Machine Learning Summer School 2022 | [Certificate](https://drive.google.com/file/d/1_EUk7T5T3f4kPQvenv5AgYXXRxLAyqLB/view?usp=sharing)
* Employee of the February Month 2024, at Havells India Limited.
* Scored O grade in **Computer Networks**, **Software Testing**, **Artificial Intelligence**, Digital Electronic, Modelling and Simulation, and Logical Reasoning.
* **Delegate** at 2nd **National Conference** on “Cyber Crime Investigation and Digital Forensics” | [Certificate](https://drive.google.com/file/d/1W3hCWy-XoO7urwW5P0g0Ss7bwhwFSlIs/view?usp=drive_link)
* Internshala Student Partner at ISP 30 |[Certificate](https://drive.google.com/file/d/1CggFm56VGo0nYlcUeWXtNQ0dkzUYzAEZ/view?usp=drive_link)
* [Using Python to Interact with Operating System](https://drive.google.com/file/d/1O3CWcaxOVTuJ1HXqwGWiq6uN3uMw4BKD/view?usp=drive_link) by Google
* [Text Retrieval and Search Engines](https://drive.google.com/file/d/18BnEcqQmfK2zBHX6Rd2HbA8Or25v2kYa/view?usp=drive_link) by University of Illinois

**Languages and Frameworks:** C++, C#, JavaScript, ReactJS, NodeJS, MongoDB, Python(Basics)

**TECHNICAL SKILLS**

* **Others:** Git, Git hub, Heroku