NIPUN SHARMA

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Education

ABES Engineering College, Ghaziabad	**2019 - 2023**

- Bachelor of Technology, Information Technology| CGPA: 8.4

Delhi Public School, Hapur, India	**2019**

- *CBSE (Class XII), Aggregate: 86.6%*

Delhi Public School, Hapur, India	**2017**

- *CBSE (Class X), Aggregate: 87.4%*

Skills

BACK END DEVELOPMENT | Java , NodeJS , Python, Express
FRONT END DEVELOPMENT | HTML, CSS, JavaScript
MISCELLANEOUS | Amazon AWS , DynamoDB , CodeCommit,C++ Git, MongoDB ,Machine Learning ,Data Science, SQL

Work Experience

Amazon	**Support Engineer 2**	*Jan **2023** - **June** 2023*

- Spearheaded the successful execution of the Certificate Automation project at Amazon, demonstrating proficiency in Node.js, Express, and AWS services, coupled with expertise in Puppeteer for seamless automation.
- Facilitated cross-functional collaboration, driving innovation and enhancing productivity through the implementation of robust solutions, particularly in Node.js and Express technologies.
- Played a pivotal role in the development of highly resilient applications, showcasing in-depth knowledge and hands-on experience in Node.js and Express frameworks, ensuring the delivery of high-quality products.
- Demonstrated mastery in utilizing AWS services for proficient data management and effective version control, highlighting a strong command over cloud-based technologies and best practices.
- Thrived in a high-paced and innovative environment at Amazon, consistently achieving project success through adaptability, problem-solving skills, and a commitment to delivering exceptional results.

TCR Innovation	**Machine Learning and Data Science Intern**	*June **2021** - August 2021*

- Identified business problems and management objectives that were addressed through data analysis.
- Recommended data-driven solutions to key stakeholders.
- Conducted exploratory data analysis on various datasets to determine relationships between variables. Used libraries such as Seaborn,Pandas,Numpy, Matplotlib, SciPy

Projects

Certification Automation

- Led an initiative to transform a manual process, involving merchant-to-verification procedures, into an automated system. The manual process, which was time-consuming and required significant resources including Integration Engineers and Data Engineers, was optimized for efficiency. Leveraged technologies such as Node.js, Express, AWS CodeCommit, and DynamoDB to develop an end-to-end automated solution.
- Played a pivotal role in reducing processing time and eliminating the need for manual intervention, resulting in increased productivity and streamlined operations and bringing round the average resolution time and number of tickets waiting in queue which were 105 hrs and 793 respectively in 2022.
- This project aimed to revolutionize the certification process by automating previously manual steps, significantly improving efficiency and resource utilization. Technology used Node.Js,Express,AWS CodeCommit,EC2,DynamoDB ,etc.

House Price Prediction

- Utilizing diverse machine learning algorithms, Python libraries (Seaborn, Pandas, NumPy, etc) and data analytics tools.
- Applied intricate data visualizations to interpret complex data, ensuring accurate forecasting. Demonstrated expertise in Python, enhancing project precision and reliability.

Certifications

- AWS Essentials and Machine Learning(Amazon)
- Java Programming (Juke University)
- Introduction to Industry and Internet of Things (NPTEL)
- Developing Soft Skill and Personality and Enhancing Soft and Personality(NPTEL)

Hobbies

- Trekking ,eGames,Biking.