

Devika V Nayak

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TECHNICAL SKILLS

Data Platform tools: Power BI, Excel, Tableau, React JS, Selenium, Streamlit, MySQL, PostgreSQL

Languages: C++, Java, HTML, CSS, JavaScript, Python

Technologies: Machine Learning, NLP, Deep Learning (CNN), AWS, SQL, Git, VMware, Linux, Bash scripting, Data analysis, STLC, MongoDB, CI/CD, DBMS, OOPS, Figma, Adobe XD, Miro,

WORK EXPERIENCE

Software Engineering Intern

Aug 2023 - Oct 2023

Alnitak Solutions pvt ltd

- Developed a **conversational chatbot** using Natural Language Processing modules, including **NLTK and Core NLP**, For accurate responses, increasing query resolution speed by 40%.
- Built an **Email Spam Detector** using **TensorFlow and Python** to classify messages as spam or ham.
- Implemented **CRUD** operations and optimized database queries, reducing data retrieval time by 35% in Alnitak's Contact Management System
- **Skills Used: Python, Numpy, Machine Learning, pandas, streamlit, NLP, NLTK, Algorithms.**

Trainee Intern

Aug 2022 - Oct 2022

EY-GLOBAL

- Constructed **Power BI** dashboards to visualize agricultural yields, heatmaps and time-series chart for **decision-making**.
- Designed and launched a Power BI dashboard, increasing **data accessibility** for 15+ users and reducing report generation time by 40%.
- Improved **data accessibility** for 15+ team members and streamlined **decision-making** processes .
- Tech Stack: Python, Power BI, SQL

TECHNICAL PROJECTS

1)LungRetinaNet: Lung Cancer Prediction |

- **Tech Stack:** Python, Machine Learning, Deep Neural Network, CNN, Streamlit, ResNet-101
- Built an advanced application for interpreting and analyzing **CT scan images for lung cancer detection**.
- Analyzed over **10,000** CT scan images with **CNN and DNN** models to locate and classify cancerous regions and Delivered **92% detection accuracy** by data preprocessing .
- Planned an intuitive interface using **Python's Tkinter** library for smooth user interaction.

2)CHOCO-SHOP:Dessert selling platform |

- **Tech Stack:** PHP, HTML, MySQL, JavaScript, CSS3, HTML5, XAMPP
- Created a web application with efficient **data supervising** and user authentication using **AuthType** .
- Developed a comprehensive database to streamline product information reducing product retrieval time by 30% .
- Enhanced performance through optimized data handling, achieving reduced average page load time by 40.

3) FLEETZ : Second hand car purchasing platform |

- **Tech Stack:** Figma, Wireframing, Prototyping, UX research, Behance, Miro, Maze, Adobe XD, Adobe Creative Suite
- Created a **multifunctional** car-selling platform design emphasizing **UI/UX experience**.
- Delivered **high-fidelity wireframes** with real-time functionality .
- Conducted usability tests with 20+ users to iterate and refine design elements .

EDUCATION

Sapthagiri College of Engineering, Bangalore

2020 - 2024

Bachelor of Engineering in Information Science and Engineering

MES PU College, Sirsi

2018 - 2020

Science(PCMB)

CERTIFICATIONS

- * Cyber Security Essentials: Cisco
- * AWS Academy Graduate: AWS Academy Cloud Foundation
- * Power BI Essentials: Big-Data Training
- * UI/UX Boot camp: UpGrad

ACCOMPLISHMENTS

- * Participated in a National Level Hackathon, exhibiting tech skills.
- * Dedicated Student Placement Coordinator, establishing connections with industry partners.
- * Actively participated in many data analysis competitions and developed multiple well-structured dashboards.