NISHAD DAMLE

MUMBAI, MAHARASHTRA

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EDUCATION

Thakur College of Engineering and Technology   **07/2020 – 07-2024**
Bachelor of Engineering (Electronics Engineering) – 8.59
Mumbai, India

COURSEWORK / SKILLS

- Data Structures & Algorithms
- DBMS
- Advanced Instrumentation System
- Operating Systems
- Assembly Language
- Microcontrollers and Microprocessors
- Signal and Systems
- Research Writing
- WiFi Technologies
- Routing & Switching
- VLANs
- LAN/WAN
- Network Security
- TCP/IP Protocol Suite

EXPERIENCE

Network Engineer – Ubiquiti Inc.
UniFi OS Department | Mumbai, India | June 2024 – Present

- Develop and maintain networking solutions for UniFi OS, contributing to firmware and software improvements.
- Collaborate with cross-functional teams to ensure seamless integration of hardware and software components.
- Monitor and analyze network performance, troubleshoot issues, and optimize system reliability.
- Engage in continuous improvement of deployment pipelines, configurations, and diagnostic tools.

PROJECTS

Car Sales BI | Power BI, Python, DSA   **06/2022**

- Designed and developed an interactive dashboard using Power BI to visualize regional and temporal trends in car sales.
- Processed and analyzed raw sales data using Python to generate insights into market behavior and brand performance.
- Applied data structures and algorithms for efficient data transformation and report generation.
- Enabled users to filter data based on car models, geography, and sales channels for deeper analysis.

Home Automation | Figma, Sensors, Actuators, Controllers   **05/2023**

- Engineered a prototype for a smart home system enabling control of home appliances through digital inputs.
- Created a secure and user-friendly UI prototype in Figma for remote management and control.
- Integrated various hardware components like sensors and actuators for automation workflows.
- Focused on enhancing security and reliability in communication between devices and the control system.

Finance Management System | Python, Figma   **04/2023**

- Developed a personal finance tracking tool to manage expenses, savings, and budgeting goals.
- Built the backend using Python to store and process financial data with support for graphical reports.
- Designed an intuitive and responsive frontend in Figma aimed at ease of use and quick data entry.
- Included features like income-expense categorization, balance forecasting, and data export options.

INTERNSHIP

Data Science Intern – CodeClause   **01/12/2022-01/01/2023**

Mumbai, India

• Built a machine learning-based Loan Prediction System using Python, enabling users to check their eligibility based on financial and personal parameters.
• Employed data preprocessing, feature selection, and classification models to improve accuracy and performance.
• Conducted exploratory data analysis (EDA) on Uber ride datasets to extract trends, peak hours, and location-specific insights.
• Delivered actionable findings that could guide startup business decisions for ride-hailing services.
• Gained hands-on experience with tools like Jupyter Notebook, pandas, NumPy, and matplotlib.

Data Analyst Intern – Print Venture   **01/10/2023-29/03/2024**

Mumbai, India

• Collected, cleaned, and analyzed business data to generate reports on customer behavior, sales trends, and operational efficiency.
• Utilized tools like Excel, Power BI, and SQL to create dashboards and visualizations for internal stakeholders.
• Collaborated with cross-functional teams to define key metrics and support data-driven decision making.
• Automated regular reporting tasks and optimized spreadsheet models to reduce manual workload.
• Contributed to strategic initiatives by highlighting growth opportunities and identifying performance bottlenecks.

TECHNICAL SKILLS

Languages: C++, Python, HTML, SQL, Bash, DSA

Tools: VS Code, Power BI, Tableau, Git, MongoDB, Wireshark, Figma, Adobe Suite (Photoshop, Premiere Pro, After Effects)

Networking & Systems: TCP/IP, DHCP, DNS, NAT, VLAN, Routing Protocols (OSPF, BGP), Firewalls, Wireshark, Linux CLI

Technologies: UniFi OS, Microsoft Excel, Word 2019, REST APIs

CO/EXTRA-CURRICULAR ACTIVITIES

ISTE TCET Member **(2021-22)**   RC-TCET Member **(2022-23)**   SORT-TCET Member **(2022-23)**

Event Manager/Photographer **(The Raquet Rumble-Badminton Tournament 2023)**   TCET Cricket Team **(2021-)**

CERTIFICATIONS/ACHIEVEMENTS

- Aavhan IIT Bombay
- Educare Taiwan 2022
- Educare Taiwan 2023
- IPR Awareness

- MS Excel (Course 1) – Udemy
- Ms Excel (Course 2)
- Data Science – CodeClause
- BITS Pillani – BOSM'22

- Online National Symposium
- UI/UX
- Zephyr – TCET ISTE