ULLAL ATUL NAYAK

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EDUCATION

Northeastern University - Boston, MA   **GPA: 4.0**

Master of Science, Engineering Management   Expected Graduation – July 2024

Courses: Digital Product Design and Management, Engineering Probability and Statistics, Data Mining in Engineering, deterministic Operations and Research

The National Institute of Engineering - Mysore, India   **CGPA: 8.21**

Bachelor of Engineering, Electronics and Communication   Aug 2016 – Jun 2020

PROFESSIONAL SKILLS

Technical Skills & Tools: Python, MySQL, Tableau, SPSS, Linux, HTML, CSS, JavaScript, Power BI, Figma, Canva, Balsamiq, MATLAB, Adobe XD, Advanced MS Excel, GitHub, JIRA, Confluence

Product/Project Skills:

• Go-to-Market Strategy • Minimum Viable Product (MVP) • Competitive Analysis • Feature prioritization	• User Research • Product roadmap • A/B testing • Design Thinking	• Wireframing & Storyboarding • Business Use Case Identification • Data Analysis & Visualization • Iterative Product Design	• Project Management • Agile Methodologies – Scrum, Kanban • User Story Writing	• Growth Mindset • Collaborative • Team Player • UI/UX Design

RELEVENT EXPERIENCE

Aruba Networks, Bangalore, India

Technology Consultant I   Sept 2020 – Aug 2022

- Led RDA team and deployed VPN solutions (HPE-RDA/Ezeelogin) for 9 clients to provide secure network device access.
- Automated report retrieval and created dashboards (Tableau/Python) for proactive NaaS services and network trend monitoring.
- Deployed Aruba ClearPass for multiple clients, implementing role/device-based policies for wired/wireless network access control.
- Executed pre-staging, staging and Network audits to migrate Instant APs and switches for a global client with 2300+ stores.
- Automated the detection of errors in SNMP logs and sent email alerts to relevant stakeholders, improving resolution speed.
- Analyzed and documented time-saving techniques for deploying Ezeelogin and HPE-RDA, increased efficiency by 40%.
- Mentored and supervised a team of 15+ members across 3 projects, organizing and facilitating knowledge transfer sessions.

Technology Consultant Intern   Jan 2020 – Sept 2020

- Built an interactive Power BI dashboard using Python, providing visual and data-driven overview of Network status to stakeholders.
- Performed usability test on Aruba Service Manager, detected anomalies and offered UX design insights to improve user experience.
- Certification: Cisco Certified Network Associate (CCNA).

Bosch, Bangalore (BidP), India

Automation Intern   June 2019 – July 2019

- Developed Programmable Logic Control scripts using ladder logic for a packaging machine, optimizing processing time.

ACADEMIC PROJECTS

Bayes and KNN Classifiers (Python)   Feb 2023

- Built dynamic Bayes and KNN classifiers from scratch that predict classes for test dataset records using any train dataset.
- Input requirements: preprocessed dataset with normal distribution, column names, and labeled column.
- Evaluated the performance with 5-fold cross validation, results showed high F1 score and overall accuracy on preprocessed datasets.

Logistical Regression   Feb 2023

- Developed a logistical regression model in Python to classify the financial condition of 20 banks based on two financial ratios, resulting in an accuracy of 85%.

Ride Sharing using Google Maps   Nov 2023

- Presented Google Maps-based ride sharing concept at Protothon with data-driven pitch.
- Performed SWOT analysis, defined KPIs, analyzed competitors and estimated TAM for effective product strategy.

Customer Churn Prediction Model (In Progress)   Nov 2023

- Creating ML model to predict user churn in subscription service using historical user interaction and demographic data.

EXTRA CURRICULAR ACTIVITIES

- **Badminton:** Led NIE men's badminton team to runner-up position in VTU Inter-zonal Tournament.
- **Music:** Founded a music band in school and performed as part of a band during under graduation.
- **Cultural Head (School):** Organized annual function, cultural festivals, and events with students and teachers.