Nilamadhab Mohanty

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EDUCATION

University Of Southern California, Los Angeles, CA   **GPA 3.72/4.0**
Master of Science , Computer Science   Aug 2022 - May 2024
- Courses: Analysis of Algorithms, Database Systems, Machine Learning for Data Science, Affective Computing, Foundations of AI, Information Retrieval and Web Search Engines, Software Architectures

Siksha O Anusandhan University, Bhubaneswar, India   **GPA 4.0/4.0**
Bachelor of Technology, Computer Science and Engineering   Aug 2015 - May 2019
- Ranked 6th in CS Department out of over 400 students
- Courses: Data Structures, Algorithms, OS, Database Management, Graph Theory, Computer Networks

SKILLS AND CERTIFICATIONS

Languages and Libraries:	Java, Python, C++, Scala, HTML, CSS, JavaScript
Libraries and Frameworks:	SpringBoot, Pandas, Numpy, Sci-Kit Learn, Android, Flask, MEAN Stack
Databases:	MySQL, PostgresQL, MongoDB, BigQuery
Cloud and DevOps:	AWS, GCP, Azure, Splunk, Jenkins, Linux, REST API
Version Control & Tools:	Github, Postman, Eclipse, IntelliJ, Bitbucket, JIRA, Tableau, PowerBI, ArcGIS
Certifications:	IBM Machine Learning Essentials and Blockchain Essentials

PROFESSIONAL EXPERIENCE

Walmart Inc   Bentonville, AR
Product Management Intern   May 2023 - Aug 2023
- Optimized outbound processes, to reduce productivity fluctuation of associates to 30%,potentially saving 450,000 USD annually in pilot.
- Recommended objective functions and introduced new KPIs to optimization sequencing logic impacting 18000 associates.

Thoughtworks   Hyderabad, India
Application Developer   Oct 2021 - July 2022
- Led team for performance optimization of payment gateways thus decreasing response time by 45%.
- Created REST APIs for tokenization of e-payment details of GAP Inc using Spring Boot thus securing PII.
- Introduced retry mechanism in APIs to build resilient and fault tolerant backend services.

Enterprise Signals India Pvt Ltd (KloudGin)   Hyderabad, India
Software Engineer   June 2019 - Oct 2021
- Devised smart preventive maintenance scheduling software, saving 25% of maintenance expenditure.
- Developed Bulk uploading system to insert interlinked data in databases for faster client onboarding, reducing resource hours utilization by 85%.
- Led team of 5 in professional services team for Enterprise Customers to go-live in record time of SUEZ N.A

PROJECTS

Context Unlocks Emotions   Feb 2023 - May 2023
- Text-based Emotion Classification Dataset Auditing with Large Language Models. (Published ACII 2023)

Bad Writing is Fine: Tuning an LLM to Suggest Improvements   Sept 2023 - Dec 2023
- Fine-tuned the Llama 2 language model to provide targeted, non-generic suggestions for enhancing academic papers

Crowd Safe App   March 2024 - May 2024
- Developed crowd monitoring android application to monitor pandemic situation and used Bluetooth Low Energy for P2P communication.

LEADERSHIP AND INVOLVEMENT

Thoughtworks   Hyderabad, India
- Managed India wide Radar Deep Dive sessions on latest technology trends and its use cases.

Enterprise Signals India Pvt Ltd (KloudGin)   Hyderabad, India
- Recipient of the People's Choice Award for Q1 2020 and the Key Performer Award for Q3 2020
- Mentored 3 interns and orchestrated 10+ EAM sessions for clients and internal resources, promoting feedback exchange and upskilling.