

NIHARIKA KHURANA

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SKILLS

- **Frameworks & other technologies** - Spring boot, Django, Machine Learning, Deep Learning, Artificial Intelligence, HTML, CSS
- **Database** - MongoDB, SQL, PostgreSQL
- **Programming Languages** - JAVA, Python
- **Version Control** - GitHub, Gitlab
- **OS** - Linux, MAC, Windows
- **Cloud** - AWS, Google Cloud
- **Additional** - REST APIs, JSON, Unit Testing, Junit, Mockito, Debugging, Postman Jest Testing, Selenium, Microsoft Office, Docker, Power BI, Tableau, Microsoft Excel, Microsoft Word, Agile Methodology, JIRA

EDUCATION

Master Of Applied Computing May 2023 – August 2024
University Of Windsor, ON, Canada

Bachelor of Technology in Computer Science August 2015 – July 2019
Guru Nanak Dev Engineering College, India

WORK EXPERIENCE

Academic Intern May 2023 – present
Semper8 Inc, Canada

- Technologies - Python, TensorFlow, Jupyter Notebook, Deep Learning, GitHub
- Developed an Outfit recommender app, utilizing data preprocessing, analyzing skills, and implementing AI model development.
- Cleaned a 0.2 million image dataset, standardized image formats, integrated Streamlit API, and generated TF records.
- Set up a virtual environment, installed dependencies (TensorFlow, Keras, CUDA, Docker), and conducted initial training and validation of the NGNN model.

Software Developer August 2022 – March 2023
Finkeda, India

- Technologies - JAVA, Spring boot, MySQL, Junit, Jira, Git
- Delivered Full-fledged Integration of Micro services for Finkeda to exchange data and validate PAN and other parameters of customers.
- Designed a secure API interface for customers to authenticate and make transactions with Indian ID card.

Software Engineer September 2021 – August 2022
Clear, India

- Technologies Used– JAVA, Spring boot, Angular JS, HTML, Junit, Selenium, CSS, SQL, Jira
- Developed modules for an invoice discounting project, contributing to backend and frontend development
- Tested the modules developed in Junit and Selenium and performed load testing of backend APIs.
- Pitched new ideas to potential stake holders and delivered presentations.
- Led inventive customer service strategies and worked in close association with stakeholders.
- Collaborated with Team Lead and Product Owner in sprint planning and Agile practices of Software development.

Associate Software Engineer January 2020 – September 2021

TietoEvry, India

- Technologies Used– Spring boot, SQL, JAVA, Jenkins
- Developed automation of email in various projects and made libraries for future use.
- Partnered with offshore Integration team for developing Api's, communicated with Norway's team to gather insights and deliverables.
- Led project development and deployment of Workday Rescinded and overlooked other running applications.
- Handled change requests in ongoing integration as per client's requirement.
- Collaborated with team in introducing and supporting new application systems and platforms.
- Examined and troubleshooted end-user workstations, servers, and networks. Provided regular reports on key system metrics, usage, ticket creation and resolution Quality assurance (QA) testing and full documentation of every feature of project.

Data Science Intern

July 2018 – December 2018

Sabudh, India

- Technologies Used–Python, Power BI, NLP, Machine Learning, Deep Learning, Google Cloud Platform
- Collaborated with team members to build Neural net style transfer app.
- Analyzed accident data of a city in India using Power BI.
- Built News Article Recommendation system with Latent Dirichlet Allocation, clustering, statistics, datageneration and cleaning.
- Contributed to geo-spatial project, Start-up paddy using python, JOSM and Google maps.
- Created Credit card fraud detection in python, using Isolation Forest algorithm and Exploratory data analysis.
- Used feature engineering, EDA and Logistic Regression on NASA Kepler exoplanet data set and Implemented ML algorithms and Neural Networks from scratch.

ACADEMICS PROJECTS

- **Blogging platform in Java** (personal project)
[GitHub Link](#)
Technologies Used – J2EE, Java
Developed a blogging platform in Java utilizing J2EE and Java technologies.
Implemented key features such as sessions, logging, commenting, and feedback functionality.
- **Campus Cart**, a marketplace for university students (Academic project)
[GitHub Link](#)
Technologies Used – Python, Django, Html, CSS, JavaScript
Collaborated with team members to develop Campus Cart, a marketplace application for university students using Python, Django, HTML, CSS, and JavaScript technologies. Implemented essential functionalities such as student housing, event creation, and integrated features like maps.
- **News Article Recommender** (Academic project)
[GitHub Link](#)
Technologies Used- Node JS, MongoDB, React, Python, Tableau, Fast API
Implemented a news recommendation system using Python and NLP techniques. Utilized MongoDB to store data and Tableau for data visualization. Integrated CSV files containing articles as the data source. Designed a user-friendly graphical user interface (UI) using React JS.

VOLUNTEER AND EXTRA-CURRICULAR ACTIVITIES

- Won gold medal in Youth fest English group song at Inter College level.
- Runner up in poster making competition District level.
- Managed Computer Society of India, Ludhiana chapter as vice president of the society.
- Got placed in top 7 position in National Level Hackathon organized by Government of India.
- Team project won best project award on 10th annual Demo Day at the University of Windsor.