**NIDHI GAUTAM LINKEDIN**: <https://www.linkedin.com/in/nidhi-gautam/>

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**CAREER OBJECTIVE**

A highly motivated and hard-working individual looking for a challenging role to utilize my technical skills for the growth of the organization as well as to enhance my knowledge.

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| --- | --- |
| **Technical Summary Languages/ Frameworks** | Python(Django), PySpark, NumPy, React, Android , Java, HTML, CSS, JavaScript,AJAX, JQUERY, BootStrap 4, REST APIs |
| **Database** | MySQL, DBSqlite |
| **IDEs** | Visual Code, Eclipse, Sublime |
| **Environment** | AWS |

**Infosys Limited (Sept 2021-Present)**

# Technology Analyst

* Analyzing, designing and implementing solutions to streamline workflows and improve operational efficiency.
* Managed comprehensive code reviews, ensuring adherence to coding standards and best practices.
* Analyze system requirements and user needs to develop targeted automation strategies and solutions.
* Collaborated with cross-functional teams to integrate automation tools with existing systems, facilitating seamless operations.
* Coordinated with stakeholders to gather feedback and continuously improve automation solutions based on user input.
* Implemented and monitored automated testing frameworks to ensure high-quality software delivery.
* Ensured all automation solutions adhered to security standards and regulatory requirements.

# Senior System Engineer

* Developed and maintained Python scripts using libraries such as Pandas, NumPy, and others to automate data processing and analysis tasks.
* Designed and Implemented APIs to support integration with various systems and services, ensuring seamless data flow and functionality.
* Analyzed and optimized existing codebases to improve performance, maintainability, and technical specifications and solutions.
* Utilized version control systems like Git for code management and collaboration.
* Conducted performance tuning and optimization of applications and databases to enhance overall system efficiency.
* Documented technical processes and workflows to support ongoing maintenance and future development efforts.

**TrueBlue AppWerks Pvt. Ltd (April 2018-Aug 2021)**

# Full Stack Web Developer (Jan 2020 – Till date)

* Developed and maintained both backend and frontend components of web applications, ensuring seamless integration and functionality.
* Managed and led a development team, coordinating tasks, setting deadlines and ensuring project milestones were met.
* Worked on Android development, designing and implementing mobile applications to enhance user accessibility and engagement.
* Developed and Integrated APIs to facilitate communication between different software components and external services.
* Conducted thorough testing of applications, identifying and fixing bugs to ensure a smooth and reliable user experience.
* Debugged applications to resolve performance issues and improve overall stability.

# Senior Web Developer (April 2019 - Jan 2020)

* Identified user and system requirements, leading the creation of new websites and applications to meet client and user needs.
* Prioritized development projects, set timelines and assigned tasks to team members, ensuring efficient project management and timely delivery.
* Created wireframes and comprehensive software documentation, facilitating clear communication and collaboration across teams.
* Led mobile development projects, overseeing the design and implementation of mobile applications to expand the company’s digital offerings.
* Implemented best practices for code quality, version control and testing to maintain high standards of software development.

# Web Developer (April 2018 – March 2019)

* Developed and maintained websites, ensuring optimal performance and user experience.
* Conducted thorough testing to identify and resolve issues, enhancing website reliability and functionality.
* Created comprehensive documentation based on project specifications to support development processes and team collaboration.

**PROJECT DETAILS:**

# GLOBAL CREDENCE

Developed a web application using Django for educational institutions to register and manage all school-related activities.

# Responsibilities:

# Designed and implemented the backend using Django, ensuring a robust and scalable architecture.

# Developed user-friendly interfaces with Bootstrap, ensuring responsive and accessible design.

# Implemented AJAX and jQuery for dynamic, real-time interactions and enhanced user experience.

# Created modules for managing student records, attendance, grading, scheduling and communication.

# Integrated user authentication and role-based access control to ensure secure data management.

**Technologies:** Python (Django), React, Bootstrap, AJAX, jQuery, HTML, CSS, JavaScript, PostgreSQL

# LAKSHYA REMEDIES

Developed a web application using Django with a React front-end for managing medical appointments and medicine stocks.

# Responsibilities:

* + Implemented the backend using Django, ensuring efficient data management and secure user authentication.
  + Developed the front-end using React, creating a responsive and interactive user interface.
  + Built features for scheduling and managing appointments, with real-time updates and notifications.
  + Designed and implemented an inventory management system to track and manage medicine stocks.
  + Integrated RESTful APIs to facilitate seamless communication between the front-end and back-end.

**Technologies:** Django, React, RESTful APIs, JavaScript, HTML, CSS, PostgreSQL

# SCHOOL PORTAL APP

Led a team to develop an Android Application that allows different schools to create accounts and manage their activities efficiently.

# Responsibilities:

# Led a team of developers, coordinating tasks and ensuring project milestones were met.

# Designed and implemented the Android App using Java, following best practices for performance and scalability.

# Developed user interfaces for school registration, activity management and reporting, ensuring a seamless user experience.

# Implemented features for managing student records, attendance, schedules and communication within the app.

# Integrated Firebase for real-time data synchronization and cloud storage.

# Ensured app security through user authentication and role-based access control.

# Facilitated team meetings and code reviews to maintain high-quality standards and faster collaboration.

**Technologies Used:**  Java, Android Studio, Firebase, XML, RESTful APIs

# Educational Management System

Developed a Django-based web application that provides a comprehensive suite functionality for educational institutions, including user account management, exam creation, note deployment, profile viewing, class-based exam assignments, attendance management, and timetable scheduling.

# Responsibilities:

* + Designed and implemented the backend using Django to ensure a robust and scalable architecture.
  + Created user authentication and authorization systems to manage different user roles and permissions.
  + Developed features for creating and managing exams, including class-based assignments and scheduling.
  + Implemented functionalities for deploying notes and resources for students and teachers.
  + Designed and developed modules for viewing and managing institute profiles.
  + Built attendance tracking and management systems for student and staff.
  + Developed a timetable scheduling module to help manage class schedulers efficiently.

**Technologies Used:** Django, Python, HTML, CSS, JavaScript PostgreSQL, Bootstrap, AJAX, jQuery

# Video Icon detection Using Python

# Developed a Python application to automatically detect and classify favorite and non-favorite icons from running video stream.

# Responsibilities:

# Utilized Python Libraries such as OpenCV and TensorFlow for video processing and image recognition.

# Implemented algorithms to detect icons in each frame of the video.

# Developed a classification system to distinguish between favorite and non-favorite icons.

# Optimized the detection algorithm to run in real-time with minimal performance impact.

# Conduct extensive testing to ensure accuracy and reliability of the detection system.

# Technologies Used: Python, OpenCV, TensorFlow, Machine Learning, Video Processing.

# API Data Processing and Storage with Python

# Developed a Python application to fetch data from an API, filter the data based on specific requirements, and store the results in Excel file.

# Responsibilities:

# Integrated with external APIs to fetch real-time data

# Applied data filtering techniques to extract relevant information according to defined criteria.

# Utilized Python libraries such as Pandas and openpyxl for data manipulation and storage.

# Automated the process to ensure efficient and accurate data handling.

# Conducted testing and validation to ensure data integrity and accuracy.

# Technologies Used: Python, Pandas, openpyxl, API Integration, Data Filtering, Excel

**CERTIFICTAIONS**

* + Certification on Android Development (07/2017-08/2017) **Certification Course on 'ANDROID' by “HP”.**

**QUALIFICATIONS**

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| --- | --- | --- |
| **College** | **Course** | **Percentage** |
| Kanpur Institute of Technology  (Aug.2015 – May.2018) | Master of Computer Applications | 87.8% |
| Sikkim Manipal University (July.2012 – May.2015) | Bachelor of Computer Applications | 73.3% |

# AWARDS AND RECOGNITIONS

* + M.C.A. (2015-16) Branch Topper in 1 year
  + M.C.A. (2016-17) Branch Topper in 2 year
  + M.C.A. (2017-18) Branch Topper in 3 year
  + **RECOGNITION FROM GOVERNER OF UP** for securing 3rd rank in AKTU

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