



Ruchita Nathani

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Education

Masters's in Artificial Intelligence, FAU Erlangen-Nürnberg 🌐

04/2023 – present
Erlangen, Germany

Major Subjects :

- Explainable Machine Learning
- Human-Computer Interaction
- Foundations of Linked Data
- Machine Learning for Time Series

Bachelor of Engineering : Information and Communication Technology,
Gujarat Technological University 🌐

08/2016 – 08/2020
Ahmedabad, India

Major Subjects :

- Design Engineering
- Data Structure
- Database Management System
- Analysis and Design of Algorithms

Professional Experience

Software Engineer, Sparsh Technologies 🌐

09/2020 – 09/2022

Project: Slideteam an E-commerce Web Application | Centralized Workforce Management System | ClientDataHub: Customizable User Data Management System

Ahmedabad, India

- I collaborated with cross-functional teams to design and implement software solutions, utilizing programming languages such as Python, JavaScript, and PHP.
- I was involved in the complete software development process, from gathering requirements to testing and deployment. I ensured the delivery of scalable and high-quality applications.

Software Development Intern, Sparsh Technologies

01/2020 – 08/2020

Project: Entrepot - A Warehouse Management Application | Medical Volunteer Dashboard

Ahmedabad, India

- I have acquired practical expertise in coding, testing, and debugging software.
- Collaborate with team members to contribute to software projects.
- I concentrated on learning programming languages, development tools, and best practices, while actively engaging in real-world development projects.

Skills

Programming:

Python, Javascript, PHP, Python scripting, Bash scripting, C/C++

Databases

MySQL, MongoDB, PostgreSQL, phpMyAdmin

Operating System

Windows, Linux

Web Development

HTML, CSS

Framework

React, Angular, Flask, Magento2, React, Yii, Wordpress

Tools

vs code, pycharm, MS Excel, Tableau, Power BI, Jira, GitHub

Projects

Slideteam an E-commerce Web Application

- Slideteam is a web application for downloading predesigned PowerPoint templates, ppt slides, ppt themes, and many more. It also contains blogs and ebooks.
- The website is configured with Zoho, Livechat, SLI, payment strip, and PayPal.
- **Technologies used:** PHP, Magento framework, Git, MGT, Stripe, Paypal Payment Gateway, Zoho, etc.

Entrepot - A Warehouse Management Application

- Entrepot is Inventory management software. The primary purpose of this application is to make it easy to maintain inventory data and build a maintainable supply chain.
- It is a highly scalable web application for tracking inventory levels, orders, stocks, and deliveries and notifying respective persons and groups of persons of the same
- **Technologies used:** Python, Flask, AWS, Git, Stripe Payment Gateway, and many more.

Expense Management:

- The objective of this project is to develop a user-friendly and efficient Expense Management application using React.
- The application will enable users to effortlessly add, manage, and track their expenses while providing a clean and responsive user interface. With this application, users can conveniently categorize their expenses, monitor their spending, and gain valuable insights into their financial activities.
- **Technologies used:** React, Javascript, HTML, CSS

Sales Lead Qualifier

- This project involves leveraging external data sources to augment historical customer data and recent lead data. By enriching the data with valuable insights from various sources, we aim to improve the accuracy and reliability of our machine-learning models.
- These models are then trained to predict the lifetime value of leads, providing valuable insights that can help optimize marketing strategies and drive business growth.
- **Technologies used:** Python, AWS, Docker, Google API, OpenAI

Languages

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|---|-----------------------------------|--|
| • English - Full Professional Proficiency | • German - Elementary Proficiency | • Hindi & Gujarati - Native or Bilingual Proficiency |
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