

Roshan Gupta

Software Developer

I have been a software developer with a passion for developing clean code with agile principles. I am well-versed in technology and writing code to create systems that are reliable and efficient. I am keen on learning and exploring different technologies.

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📍 Bengaluru

WORK EXPERIENCE

Software Developer

SAP Labs India

04/2020 - Present

Bengaluru

Achievements/Tasks

- Engineered an SMTP-based email service that automates the delivery of transaction statements to customers at predefined intervals, streamlining communication and enhancing customer engagement.
- Led the development of end-to-end attachment services, enabling customers to upload attachments using AWS S3 storage.
- Led end-to-end development of customer-centric applications, leveraging UI5, Java, and Spring Boot in conjunction with HANA DB and cloud foundry.
- Designed database tables, modeled OData services, and implemented RESTful APIs and service logic for the application to ensure seamless data management and efficient API functionality, leveraging Java, Spring Boot, and HANA DB.
- Developed a reusable JavaScript library with cross-application compatibility, enhancing code efficiency and maintainability through shared components and functions.
- Implemented diverse features and resolution of software glitches bolstering the application's functionality and user satisfaction.
- Implemented Jenkins setup for the deployment of a multi-target application, streamlining continuous integration and delivery processes.
- Responsible for maintaining and resolving issues in a cloud-based multi-tenant application.
- Took charge of implementing UI visualization components such as heatmaps, line charts, bar charts, and micro charts, enriching the user interface with dynamic data representation.

Software Developer - Student Intern

SAP Labs India

08/2018 - 03/2020

Bengaluru

Achievements/Tasks

- Engineered a Python-based course recommendation system using NLP and machine learning for a Learning Management System, enhancing personalized course suggestions.
- Designed a data upload service, enabling customers to seamlessly upload Excel data using Spring Boot, Java, and cloud Foundry
- Iteratively prototyped product owner ideas, refining concepts and ensuring alignment with development outcomes.
- Streamlined pre-sales operations by creating a suite of efficient internal tools, boosting team productivity and operational effectiveness

EDUCATION

M.Tech

Birla Institute of Technology and Science, Pilani

2018 - 2022

Grade : 7.2 CGPA

BCA

CMR Institute of Management Studies, Bengaluru

2015 - 2018

Grade : 8.2 CGPA

SKILLS

JavaScript

Java

Spring Boot

Machine Learning

Data Structures

SAPUI5

System Design

MySQL

Cloud Foundry

Event Driven Architecture

OData

Object Oriented Programming

Git

REST API

SQL

HANA DB

Cloud Application Development

CI/CD

React

PROJECTS

Generate sales leads from email conversation using AI/ML (01/2022 - 06/2022)

- Developed an intelligent machine learning model using Python, NLP, Scikit Learn, and Flask that can predict the type of sales leads from email conversations and created a working UI dashboard for analytics and lead management.

Generative Adversarial Network (GAN) (01/2019 - 12/2019)

- Implemented a Generative Adversarial Network (GAN) utilizing Keras on a Pokémon dataset.

Fashion classifier using Tensorflow (01/2019 - 12/2019)

- Developed a clothing classifier using Convolutional Neural Networks (CNN) with TensorFlow on the MNIST dataset. The classifier was subsequently deployed on a cloud platform for seamless access

CERTIFICATES

Machine Learning A-Z™: Hands-On Python & R In Data Science
Udemy

Node.js Essential Training

Lynda.com

Building Machine Learning Models in Python with scikit-learn

Pluralsight

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency