Umar Mohammad

Software Engineer / Salesforce Developer

I'm a software developer, Salesforce specialist, graphic designer, and YouTuber who thrives on solving complex problems. With a passion for technology and a patient, methodical approach to work, I'm ready to take on any project. On my YouTube channel, I share workout videos and diet plans to help others lead healthier, more active lives. Let's create something amazing together!

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EDUCATION

Bachelor of Technology in Computer Science and Engineering
Vel Tech

06/2017 - 11/2021   *CGPA - 8.71/10*

Higher Secondary Education - Class 12th
Narayana Junior College

06/2015 - 05/2017   *Percentage - 95%*

Secondary Education - Class 10th
Triveni School

04/2014 - 04/2015   *CGPA - 9.3/10*

WORK EXPERIENCE

Salesforce Developer
Gerent ⬈

07/2022 - Present
Gerent is a top Salesforce consulting and implementation partner with over 1,000 successful transformations.

Description

- I managed marketing cloud solutions for clients, including email campaigns, automation, and personalization. My experience with the platform enabled me to improve engagement rates and drive revenue growth by leveraging its capabilities.

- I have hands-on experience in developing complex Apex classes, triggers, test classes, SOQL and SOSL queries while adhering to Governor Limits. Additionally, I have expertise in creating LWC components, and Visualforce pages with generic apex controllers for intricate requirements. I have deployed code to different sandboxes and production environments using tools such as Change Sets, Gearset, and Ant Migration Tool.

- Worked on Validation Rules, Formulas, Flow Triggers, Approval processes, Sharing & Visibility, Reports, Dashboards, Permission Sets, Case Management, Knowledge Articles, Assignment rules, Auto-Response rules, Email-to-case, Web-to-case, Macros, Omni channel-routing, SOS, Computer telephony integration (CTI), Service process automation, and Service analytics. Furthermore, I possess extensive knowledge in Apex Web Services, Apex Callouts, Email Services, Outbound Messaging, and REST API.

SKILLS

Excel · Python · R · SQL · Tableau · React · Node JS · Angular · Java · Power BI · Matplotlib · Java · MATLAB · Pandas · Salesforce · LWC · AURA · APEX · Visualforce · dplyr · PostgreSQL · Oracle · Springboot · MySQL · PostgreSQL · Rest APIs · Keras · Mongo DB · TensorFlow · PyTorch · scikit-learn · QlikView · Hadoop · Spark · Hive · Pig · MapReduce · AWS · Azure · Microsoft Powerpoint · GCP · Git · SVN · OpenRefine · Trifacta · RapidMiner · KNIME · Jupyter Notebook · Spyder

PERSONAL PROJECTS

Real-time Data Integration and Analysis for Predictive Maintenance in Manufacturing (06/2019 - 12/2019)

- The Real-time Data Integration and Analysis for Predictive Maintenance in Manufacturing project focuses on developing an advanced pipeline for proactive maintenance in the manufacturing industry. By integrating data from diverse sources such as sensors, equipment logs, and historical records, real-time insights can be derived. The pipeline captures streaming data using technologies like Apache Kafka, enabling timely analysis. Data cleansing and preprocessing techniques enhance data quality. Predictive models built using machine learning algorithms analyze real-time sensor readings to detect potential equipment failures. Anomaly detection algorithms trigger alerts for proactive maintenance actions. A user-friendly dashboard provides real-time equipment health status and maintenance recommendations, optimizing operational efficiency and minimizing downtime in the manufacturing process.

💼 WORK EXPERIENCE

Full Stack Development Intern
Capgemini ⤴

01/2021 - 05/2021

Capgemini is a global leader in consulting, technology services, and digital transformation, helping clients to innovate and drive growth.

Description

- As part of an Agile team, I designed, developed, implemented, optimized, and tested new features and modules for the derivatives system. I utilized Angular 8 and React.js to build customized services, connect to back-end APIs, and create responsive, isomorphic websites. I also performed UI and front-end testing using Selenium, developed test cases and unit testing with Mocha, and employed Spring Boot and Microservices to remove boilerplate configurations and deploy cloud-hosted web applications and REST APIs using Jenkins.

- Using Angular 8, I built REST Webservices with a Node.js server to handle requests sent from the front end, and developed applications to assess JSON and XML from Restful web services. I also secured and authenticated services using API Gateway, JWT, and OAUTH2. I migrated projects into cloud environments using AWS, Docker container, and developed independent Microservices using the Spring Boot Rest Controller model, deployed on UNIX boxes. Additionally, I used Spring Boot for initializing and bootstrapping the build configuration for spring boot-based web applications.

Full Stack Developer - Part time
Basketo Finance ⤴

01/2022 - 04/2023

Basketo is a decentralized marketplace that enables users to invest, track and manage crypto baskets. The platform serves as a one-stop-shop for retail crypto investors who wish to access a variety of professional investment strategies with ease and diversify their portfolios with minimal effort.

Description

- During my time as a full-stack developer at Basketo Finance, a small start-up, I had the chance to work with a modern tech stack that combined Next.js and Material UI for the frontend, as well as Node.js and Express for the backend. MongoDB was used to store and retrieve data, and the platform was integrated with the blockchain using Ethers, a widely-used JavaScript library for interacting with Ethereum. ⤴

- My main responsibility was to design and develop the company's web application while collaborating closely with the product team to understand their requirements and convert them into technical specifications. I dedicated most of my time to creating and implementing new features using the tech stack mentioned earlier, ensuring that the application was both user-friendly and highly optimized for performance.

- I worked alongside two other developers in the team to write tests, debug issues, and optimize the application's performance. Additionally, as a full-stack developer, I kept up to date with the latest advancements in web development and blockchain technology, actively contributing to the growth and development of the company.

- My experience at Basketo Finance was extremely challenging and rewarding. I had the opportunity to work on a cutting-edge platform that offered innovative financial solutions, collaborating with a group of talented developers who shared my passion for delivering top-quality applications.

📐 PERSONAL PROJECTS

Fraud Detection in Financial Transactions using Machine Learning (01/2020 - 05/2020)

- Developed a fraud detection system for financial transactions using data analytics and machine learning. Analyzed datasets of historical transactions to build a real-time model that identifies potential fraud cases. Steps included data preprocessing, exploratory analysis, feature selection, machine learning model development, evaluation, real-time implementation, monitoring, and reporting. Showcased the ability to leverage data analytics to detect and prevent fraud in financial systems.

Online Voting System using Blockchain (06/2020 - 11/2020)

- As a pre-final-year project at Vel Tech, I designed and developed a decentralized online voting system that utilizes Blockchain Technology. This system includes a web interface for voter registration, a virtual polling station, and a results page that displays vote counts. The Ethereum blockchain serves as the ledger for voter registration and vote transaction records, with each voter receiving a singular coin used to cast their vote. The election smart contract is responsible for the automatic transaction procedure for voting, with the private key related to the wallet address encrypted using a secret key that is kept confidential by the voter. The web interface was developed using React.js for the front-end and Node.js for the back-end, with smart contracts written in Solidity and compiled in Remix IDE.

🎖 CERTIFICATES

Google Data Analytics Professional Certificate

Salesforce Certified Platform Developer 1

Microsoft Certified: Power BI Data Analyst Associate

Salesforce Certified Platform Developer 2

Salesforce Certified Platform App Builder

Predicting House prices using Regression Tensor flow

Cisco Certified Network Associate Security (CCNA)

LinkedIn Certified Microsoft Powerpoint and Excel badge earned

Managining successfull Desicions through the strategies, laws and ethics model

✍ INTERESTS

Data Analytics   Salesforce   Graphic Designing

Content Creation   Software Development

Web Development   Competitive Programming

YouTube