Mohammad Umar

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Education

Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science & Technology	**2017 - 2021**	
Bachelors of Technology in Computer Science.	**CGPA :** 8.71	
Narayana Junior College	**2015 - 2017**	
Secondary Education (12th Intermediate).	**Percentage:** 95%	
Triveni Talent School	**2014 - 2015**	
High School Education (10th Standard)	**CGPA :** 9.3	

Experience

Salesforce Developer at Gerent   2021 July - Present

- ✓ Worked on developing Apex Classes, Apex Triggers, Apex Test Classes, SOQL and SOSL queries for complex customizations and validations with Bulkified code within Governer Limits.
- ✓ Experience in developing LWC components and Visualforce pages for complex requirements with generic apex controllers. Deployed code to different sandboxes and production by using Change sets, Gearset Tool, and Ant Migration Tool.
- ✓ Worked on Validation Rules, Formulas, Flow Triggers, Process Builders, 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, Service analytics.
- ✓ Extensive Knowledge in Apex Web Services, Apex Callouts, Email Services, Outbound Messaging, and REST API. Worked on many Salesforce Applications and did several Salesforce integration projects. Rest API integration.

Software Engineer Intern at Capgemini   2021 January- May

- ✓ Designed and developed customized Angular 8 services to interact with the back-end API and serve components. Utilized Modernizer extensively to build HTML5/CSS3 based page layouts that are cross browser compatible.
- ✓ Developed Applications to assess JSON and XML from Restful web service from the consumer side using Angular 8. Built security configurations and authentication of service using API Gateway, JWT, and OAUTH2.
- ✓ Implemented client-side Interfaces using React JS. Worked on responsive design and developed a single isomorphic responsive website that could be served to desktop, Tablet, and mobile users using React JS.
- ✓ Performed UI and front-end testing using Selenium. Developed test cases and performed unit testing with Mocha.
- ✓ Developed applications using Spring Boot to fasten the application for removing boilerplate configurations. Used loosely coupled architecture Spring Boot.
- ✓ Developed independent Microservices, cloud-hosted web applications and REST APIs using Spring Boot with embedded Tomcat.
- ✓ Extensively Used Jenkins as a Continuous Integration tool to deploy the Spring Boot Microservices.

Projects

Indoor Plant Monitoring System using IoT and Tensor Flow   2019 June - November

- ✓ Designed and fabricated a system to monitor and control indoor plants. Used various sensors to gather data from plant and microcontrollers like Raspberry Pi, Arduino UNO, and Node MCU (Esp8266) to process various operations.
- ✓ Programmed microcontrollers using Python and Embedded C and integrated system to Adafruit IO cloud services for monitoring plant data and controlled operations online through dashboard.
- ✓ Used IFTTT web-based services and created a chain of applets to make the system fully voice-controlled with Google Assistant. Developed Tensor flow machine learning models to predict plant's needs and requirements using collected data.

Online Voting System using Blockchain Technology   2020 July - December

- ✓ Designed and Developed a decentralized Online voting system using Blockchain Technology. This system consists of multiple components like a voter registration web interface, a voting web interface, and a results page that shows the vote counts of the various candidates and parties.
- ✓ The election smart contract is responsible for automatic transaction procedures for voting. The Ethereum Blockchain serves as the ledger for voter registration as well as vote transaction records. User data is encrypted using AES 128.
- ✓ For purpose of creating the prototype, the web interface was developed using React.js for the front end and Node.js for the back end. The smart contracts were written in Solidity and compiled in Remix IDE.
- ✓ The generation of the public key is done using the Elliptic curve digital signature algorithm. The creation of JSON files, QR code, and encryption of private key is done by GETH Ethereum node software.

Leave Management System - Full stack Development   2020 January- May

- ✓ Developed a Leave Management System for the students and faculties of our college. This system automates the process of managing and tracking multiple types of student and faculty leaves with zero paperwork involved.
- ✓ User can register and submit the leave form, check the status of leave requests and view completed leaves. The Leave Management System maintains a database to keep track of each student and faculty account of planned and sick leaves.
- ✓ We have used React, HTML5, CSS3, and Bootstrap for front-end and Java, Spring boot, Maven, Node JS, and MySQL for back-end development.

Technical Skills

Salesforce Technologies : Apex, Aura Components, Lightning Web Components, Visualforce Pages, Lightning Design System, Data Modelling, Data Security, Salesforce Integration, Sales cloud, Service cloud, Flows, App Exchange.

Programming Languages : Java, Python, C, C++, Type Script, JavaScript, Solidity.

Databases : MySQL, Oracle, PostgreSQL, Mongo DB.

Web Technologies : JDBC, Java Beans, Web Services, Restful, React, Node JS, Restful APIs, HTML5, CSS3, XML, JSON, Angular.

Frameworks/Tools : Spring Framework, Spring Boot, Angular, React.

Operating Systems : Mac OS, Windows 10, Windows 11, Linux, Kali Linux, Ubuntu.

Extracurricular and Co-curricular Activities

- ✓ Being Cyber security club president, I have conducted multiple workshops to create awareness among students by explaining various social engineering and information security threats while demonstrating a few ethical hacking tricks.
- ✓ Played university cricket tournaments and represented college at university level.
- ✓ Participated in various technical debates on different topics and given seminars on cutting-edge technologies.
- ✓ Participated in multiple coding competitions at both online (Codechef and Codeforces) and offline (College labs).

Awards and Achievements

- ✓ Secured state 1st rank in Vel Tech engineering entrance exam and received 100% financial aid for Undergrad studies.
- ✓ Won 1st Prize in Coding contest conducted by Vel Tech Computer Science Department.
- ✓ Won 1st prize in Ethical Hacking and Internet of Things (IoT) Hackathon.
- ✓ Runner-up in a Smart Bridge Hackathon in collaboration with IBM and IEEE computer society.

Certifications

 Cisco Certified Network Associate Security (CCNA) **- Cisco**

 Salesforce Certified Administrator (SCA) **- Salesforce**

 Salesforce Certified Platform Developer I **- Salesforce**

 Salesforce Certified Platform App Builder Certification **- Salesforce**

 Salesforce Certified Platform Developer II **- Salesforce**

 Predicting House prices using Regression Tensor flow **- Coursera**

 Full stack Development **- Udemy**