ADNAN JAFRI

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OBJECTIVE

Dynamic and detail-oriented **Web and Mobile Application Developer** with more than 14 months of hands-on experience in WebGIS and GIS Based Mobile application development. Proficient in **HTML5, CSS, JavaScript, React.js, React Native, Openlayers, PHP, PostGIS and SQL**. Eager to contribute technical expertise and creative solutions to a collaborative team environment focused on delivering innovative web and mobile applications.

EDUCATION

B.Tech CSE	Dr. APJ Abdul Kalam Technical University	2020-2023	7.79 CGPA
Diploma in Computer Engineering	Jamia Millia Islamia	2017-2020	80 %
Intermediate (10+2)	UP Board	2014-2016	70 %
Highschool	UP Board	2013-2014	79.5 %

WORK EXPERIENCE

Maintenance Engineer | Computer Maintenance Agency | Aug, 2023 - Present

Responsible for developing **WebGIS** and **Mobile applications** for RRSC-North, a division of NRSC, ISRO. Also providing technical support for IT related activities of centre.

Intern | RRSC-North, NRSC, ISRO | Sep - Dec, 2022

During a three-month internship at RRSC-North, NRSC, ISRO in New Delhi, I successfully completed two mobile application projects within designated timelines, demonstrating strong project delivery skills.

SKILLS

- WebGIS
- HTML5
- CSS3
- Bootstrap
- Javascript
- Java
- OpenLayers
- Leaflet
- ReactJS
- NodeJS
- React Native
- Python
- PHP
- QGIS
- ArcGIS
- GeoServer
- PostgreSQL
- MySQL
- DBMS
- Kotlin
- JAVA
- Android Apps
- iOS Apps
- Google Earth Engine
- IIS
- GIT & GitHub
- Amazon Web Services

PROJECTS

- **RRSC-North, NRSC, ISRO**

  o **e-UC for PFMS**

  Developed a geo-enabled mobile application using React-Native, Javascript, PostgreSQL for physical monitoring of CSS under PFMS, also developed a webGIS application using **NextJS, HTML5, CSS, Bootstrap, Openlayers, MUI, Node, Express** etc for e-UC management of PFMS (Public Financial Management System).

  o **Land Resource Development Planning (LRDP) & Water Resource Development Planning (WRDP) Project**

  Developed a WebGIS application for automating generation of WRDP and LRDP plan for Gram Panchayats using thematic satellite data. Technology used: **HTML, CSS, Python, Node, Openlayers** etc.

  o **Map-iN Mobile app**

  An innovative mobile application for collecting geospatial data during field surveys. Map-iN operates in real-time, providing seamless location marking functionality on the field for Android and iOS devices. The app is developed using **React Native, Javascript, Kotlin, Swift, PHP, PostgreSQL**.

  o **KISAAN : Mobile app for Disseminating Agro-Advisory services**

  Collaborated on the development of **Bilingual** (Hindi and English) Mobile application tailored for farmers in partnership with IIT-Roorkee. This app delivers weather forecasts, crop advisories and localized meteorological data based on users' geographical coordinates obtained from IMD. Technology used: **React Native, PHP, CSS, Python, Node** etc.

  o **IBIN (Indian Bio Resource Information Network) Project:**

  Contributed towards upgradation of IBIN application at RRSC-North. Tools Used: **HTML, CSS, JS, PHP, PostGres, GeoServer, IIS, XAMPP.**

  o **PowerGRID Project:**

  Contributed towards development of SDSS for PowerGRID at RRSC-North. Tools Used: **GeoServer, ReactJS, Node, Bootstrap,CSS, JS, Express, PostGres, Python etc.**

- **Other Projects**

  o **Bijlee**

  I spearheaded the development of an Android and web-based application focused on facilitating electricity bill payments and mobile recharges, operating under a Business-to-Business (B2B) model. Leveraging **Amazon Web Services** (AWS) for robust development.

o **Apni Dukan 24**

Led the development of Apni Dukan 24, a hybrid application available on Google Play Store that facilitates vegetable and medicine delivery. The app seamlessly integrates with both Android devices and web platforms using **WIX and Webview technology**. It boasts a convenient **voice search feature**, enhancing user accessibility.

o **Zeehail Currency Counter**

I created Zeehail Currency Counter; an Android application available on the Google Play Store. This app serves as a currency counter tool, providing users with convenient features for counting currency notes. To support the app's maintenance and development, integrated **Google Ads Services** for revenue generation.

o **E-Book Adda**

Contributed to project focused on "Knowledge Management for a Cloud-Based Education Platform". Developed an Android application using **Kotlin**, leveraging **AWS EC2, AWS S3, WIX**, and **Firebase** technologies. The app is designed to host e-books categorized by courses, incorporating user ratings to facilitate effective knowledge management and learning experiences.

o **Android Launchpad for On-Demand Projects (ALOP)**

Developed a command-line (CMD) tool using PHP, designed to automatically generate Android app projects based on user inputs. This tool streamlines the process by creating an Android project using predefined designs and user-provided specifications.

TRAININGS & CERTIFICATIONS

o **Web Development |** Internshala Trainings, Online | Mar 2022

Successfully completed 8 weeks online certified training on Web Development. Training consisted of HTML, CSS, Bootstrap, DBMS, PHP, JS and React. Developed a project for PG booking for final assessment.

o **Android App Development |** Internshala Trainings, Online | Jun 2020

Successfully completed a 6 week online certified training on Android App Development. The training consisted of Introduction to Android, World of Kotlin, Android Kick-Off, Higher Order Functionalities. Developed an app for Food Delivery during the training.

o **Cloud Computing |** Evision Technoserve Pvt. Ltd., Noida | Jul 2019

Undergone Intensive 30-day training at Evision Technoserve and gained comprehensive knowledge of various Amazon Web Services (AWS) offerings.

o   **Google India Challenge Scholarship |** Udacity, Online | Feb 2018

Participated in the Google India Challenge Scholarship Program hosted by Udacity. Throughout this scholarship, I received in-depth training in Android development using Java, starting from the fundamentals.

LANGUAGES KNOWN

o **English**
Professional Proficiency

o **Hindi**
Professional Proficiency

o **Urdu**
Reading & Writing

o **Arabic**
Reading

ADDITIONAL ACTIVITES

• Part of Beta Testing Team @ MIUI Global Forum
• Intern Moderator of Redmi Note 4 Section @ MIUI Global Forum
• Part of Device Team for Redmi Y1 @ Mi Community India
• Worked as a Beta Tester for Realme UI 1.0

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