Nilesh

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EDUCATION

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES   **Jul 2017-Present**
Dehradun, Uttrakhand
Bachelor of Technology in Computer Science with Specialization in Open Source and Open Standards
- **Extracurricular Activities**: Hostel Captain, Event Head (Uurja)

SGGS Khalsa Collegiate Public School   **Jun 2015-Mar 2017**
Chandigarh, India   12'th Percentage: **87%**

Delhi Public School   **Mar 2004 - Mar 2015**
Chandigarh, India   10'th Percentage: **91.2%**

PROFESSIONAL EXPERIENCE

Android Developer Intern | STARTOON LABS | Hyderabad, India   **Apr 2020 – Jun 2020**
[Java, XML, MVVM, REST API, AWS, DynamoDB,S3,Amplify,BaaS]
- Developed an Android application from scratch using a clean MVVM architecture. Used BaaS, AWS DynamoDB, S3 Bucket, Amplify Framework on the server-side of the application for Authentication, and storage of application data.
- Implemented a Materialistic Layout responsive to all screen sizes which consists of Multiple bottom sheets and Graphs.
- Designed Graphs for better illustration of the user data using Multiple libraries and Graph View.
- Negotiated the Server calls and reduced to about 60% making the server cost cut down to around 80%.

Android Developer Intern | CAMPUS HAAT | Kanpur, India   **Sep 2019 – Dec 2019**
[Java,XML,REST API]
- Managed the Business End Android Application (Maalik) by adding multiple functionalities in the Application.
- Implemented a whole new User Interface using the materialistic guidelines
- Worked with the API used for the Business End of the Company for increasing the functionality of Application
- Helped the Company to launch the application on the Play store dated 24'th December 2019.

Software Developer Intern & Trainee | MAROPOST | SAS Nagar, India   **Jun 2019 – Aug 2019**
[HTML5, CSS3, JavaScript, Vue.js,Bootstrap
- Learned about Vue.js Architecture, Routers, Vuex.
- Developed a Questionnaire Web Application, Quiz game using Vue.js Framework

TECHNICAL SKILLS

- **Programming Languages**: Java, Python, SQL, YAML, XML, JSON.
- **Web Technologies**: HTML5, CSS3,REST API,
- **Databases**: MySQL,PostgreSQL,Cassandra,DynamoDB.
- **Technologies:** Docker, Kubernetes, Amplify Framework (AWS), FireBase(GCP), AWS EC2, AWS S3, Spring boot, Dependency Injection, MVVM, MVC, Android JetPack Components.
- **IDEs**: Visual Studio, Netbeans, Eclipse, IntelliJ, DataGrip, Android Studio, Git, Postman.

PROJECTS

SORT-IT-OUT | C   **Dec 2018**
- Console Application used scripting to sort the files into specific folders based on their extensions.
- Further Sorted Applications can be filtered on the basis of Date of Creation and Size
- The Console Application is Compatible with Linux Operating System.

Mark Up | Java, XML, BaaS, Realtime Database, Firebase, Google Map API   **Jan 2019**
- Mark-Up is an Android Application that consists of two modules: Teacher & Student. It Allows Students to mark their attendance for the class using their location and time entered from the teacher/administrator.
- Managed to give an accuracy of 80% for the location matching using Google Map API.
- Managed to connect the Application to Real-Time Database for the Viewing attendance in the Teacher Module.
- **Deployed the Application on Play Store**

Jeewan: The Plasma Donation App | Android, Cloud FireStore, Java, XML, Retrofit   **June 2020**
- Jeewan would help all the Donors as well as the patients in need of Plasma. It would allow you to search for Plasma Donors within your city and have a specific Blood Group.
- Used an MVVM Architecture for a scalable and Modular Application and Retrofit Client for fetching the COVID cases for all over India categorized into the State Data.
- **Deployed the Application on Play Store**