**CURRICULUM VITAE**

**POOJA DIXIT**

**Email:** [**poojadixit75@gmail.com**](mailto:POOJADIXIT75@gmail.com)

**Mob: 8076819804, 7803801138**

**Career Objective:**

* Wish to work in a dynamic and challenging environment where I can grow, learn and simultaneously contribute to the growth and success of the environment.

**Personal Assessment:**

* Ability to work in a group with team spirit.
* Curious to learn new technologies and advancement in work field.

**Educational Qualifications:**

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| --- | --- | --- | --- | --- | --- |
| **Examination** | **Discipline/**  **Specialization** | **School/ College** | **Board/ University** | **Year of passing** | **Percentage** |
| M.Tech. | Geoinformatics and its application | MANIT  BHOPAL | MANIT  Bhopal | 2014 | 8.27 (GGPA) |
| B. E. | Information Technology | MPCT  GWALIOR | RGTU  Bhopal | 2011 | 68.72% |
| Higher secondary | Math + Science | R.S.G.H.S.  school | M.P. Board | 2006 | 79.33% |
| High School | High School | R.S.G.H.S.  school | M.P. Board | 2004 | 74.60% |

**Technical Skills**

* **Languages – Node js , Angular version 2,3,4,5,6,7**
* **C, C++, JAVA & J2EE, Spring Boot, Backend – MYSQL database, SQL server.**
* **Frontend – HTML, CSS, Java Script, Ionic, JQuery, Ajax, Angular 2,3,4,5,6,7,8 , Created PWA.**
* **Web Services-SOAP and Restful API, Loopback Node framework.**
* **Markup lauguage – XML & JSON.**
* **Hardware Skills-PC Assembling, Formatting, Partition, Driver Installation.**
* **Software Packages: ENVI, Arc GIS, Q GIS, ERDAS, CROPWAT, Ms Office, Ms Excel.**
* **Having Knowledge of full stack developer.**

**M.Tech. Thesis Work :**

* **Title:** Processing of RISAT data for Coherence and Vegetation density index image generation.
* **Description:** This research work investigated Processing of RISAT data for Coherence image generation and Vegetation density index image generation from the complex MLC SAR data for characterization of Vegetation. Initially, two microwave images (Master & Master) of different sensors and different timing of the same area are taken. These images are polarized in HH & HV mode. Unlike optical images, radar images are formed by coherent interaction of the transmitted microwave with the targets. Image registration is fundamental for Interferometry SAR (InSAR) imaging and its application, such as Vegetation density index image generation and analysis. And we are generating interferogram by subtracting the phase information. A coherence image is also generated to investigate the quality of inteferogram. The generated interferogram has phase wrapped between 0 to 2π. The phase is unwrapped using ENVISARScape software. This unwrapped phase is used for processing and generation of Coherence image, and for Vegetation density index image generation using ENVI software.

**Academic achievements:**

• I was MHRD stipendiary student in M.Tech.

• I achieved 98.29 percentile in GATE.

**Industrial Training:**

* **Major Training:** TATA CMC GWALIOR.

**Academic Project:**

* **Major Project:**

**Title:** Stegnography.

**Description:** Steganography is the tech. of hiding private or sensitive information within something that appears to be nothing out to the usual. Steganography is often confused with cryptology because the two are similar in the way that they both are used to protect important information.

**Personal Profile:**

Date of Birth : 07-07-1989

Father’s Name : Mr. Prem kishor Dixit

Mother’s Name : Mrs.Shashi Dixit

Hobbies : Cooking, Listening Songs

**Employment History:**

**Total Experience : 6 year 10 months.**

**2Years Experience: As a Software developer Srishti consultancy Bhopal.**

* Srishti consultancy : Working as Software developer Created Application in Angular. (sscpl org.in) spring boot for API to passing data. May 2019 – May 2021.
* **Working as a Full stack developer.**
* **Currently working on Angular version 8 and Spring Boot.**
* **Create GIS Based Application by using Arc GIS**

**18 months Experience: As a SRF Indian Agricultural Research Institute DELHI.**

* I am working as Senior Research Fellow in Indian Agricultural Research Institute, Delhi from 25 October 2017 to April 2019. (created web application by using Angular and java )
* **Working as a Full stack developer .**
* **Currently working on Angular version 8 and Spring Boot.**
* **Create GIS Based Application by using Arc GIS**
* **Created IARI creams portal for soil department.**

**8 Months Experience: As a SRF Indian Agricultural Research Institute DELHI.**

* I am working as Senior Research Fellow in Indian Agricultural Research Institute, Delhi from 20 March 2017 to 24 October 2017. (created web application by using Angular and java )
* **Working as a Full stack developer .**
* **Currently working on Angular version 8 and Spring Boot.**
* **Create GIS Based Application by using Arc GIS**
* **Created IARI creams portal for soil department.**

**9 months Experience: As a JRF MANIT BHOPAL.**

* I have also experienced as Junior Research Fellow in MANIT Bhopal from 01 July 2016 to18 March 2017.
* Created GIS based application for MOES (ministry of earth science) in Mineral mapping using technology java ,JSP servlet and struts.
* For Front end Javascript, Jquery.

**17 months Experience: As a Assistant Professor MANIT BHOPAL.**

* I have worked as Assistant Professor (visiting faculty) in MANIT Bhopal from 01 January 2015 to 30 June 2016.
* Created GIS based application for MANIT LABs.
* Backend Technology Database MYSQL and Middleware Java.
* Frontend Technology JSP, Servlets , Jquery , Ajax ,Javascript. Bootstrap.

**6 Months Experience: As a TBI Technologies BHOPAL.**

* I worked as GIS Executive in TBI Technologies Bhopal from 01 July 2014 to 31 December 2014. (GIS based application using tech java nd jsp )
* For Front end Javascript, Jquery.

**Declaration:**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

**Place:** BHOPAL **(POOJA DIXIT)**