

# Mr. Deepak Vishwakarma

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DOB: 10 Oct 1993 | Language: Hindi & English

## Education

### Central Univeristy

MASTER OF SCIENCE IN COMPUTER SCIENCE

GPA: 7.0

South Bihar Gaya, IN

Jun 2015 – Jul 2017

### Dr. Shyama Prasad Mukherjee University

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

GPA: 7.6

Ranchi (Jharkhand), IN

Apr 2011 – Aug 2014

## Experience (6+ Years)

### Tata Consultancy Services (TCS)

Noida, IN

IT ANALYST (GIS DEVELOPER)

Oct 2021 – Present

- Designed and developed a geospatial work order application tailored for natural gas customer connections. Customized interactive widgets were integrated using ArcGIS Web AppBuilder to enhance the user experience.
- Developed APIs using NodeJS with the Express framework.
- Worked with MongoDB as the database for the API.
- Designed frontend using the latest ES6 JavaScript, Bootstrap.
- Utilized ArcGIS API for JavaScript 3.x/4.x in combination with DOJO.
- Developed a customized email management tool with predefined email templates.
- Hands-on experience with AWS Services, including EC2 instances on Linux, AWS Load Balancer, and Auto Scaling. Configured a production-ready environment with SSL and Domain/Subdomain.
- Implemented chat system API using Socket.IO on NodeJS/ExpressJS.

### Gurugram Metropolitan Development Authority (GMDA)

Gurugram, IN

GEOSPATIAL ASSISTANT (SOFTWARE DEVELOPMENT)

Jun 2017 – Sep 2021

- Developed the 'Onemap Gurugram' application offering GIS-based map services integrating various utility networks.
- Created a Web GIS application to check state government land owner information, utilizing cadastral layers for land mapping and integrating the NIC API for land owner details.
- Implemented a Covid Patient tracker API on NodeJS, providing real-time patient location via smartphones. Utilized Socket.io for stateless http connection.
- Gained expertise in various GIS software tools.
- Implemented OAuth 2.0 with JWT tokens and OTP-based authentication on NodeJS.
- Acquired skills in data scraping and testing using Selenium.

## Skills

### Programming Languages:

JavaScript, Python, C#

### Frontend Framework/Libraries:

ReactJS/NextJS, Bootstrap, DOJO, ArcGIS API for JavaScript

### Backend Framework:

NodeJS/ExpressJS, Flask

### Database:

MongoDB, Postgres, MySQL

### GIS Softwares:

ArcGIS WebAppBuilder, ArcGIS Server/Portal, ArcMap/ArcPro, ArcGIS Survey123

### Others:

AWS, Git/Github, Wordpress

## Internship

### GIS web application for Property Taxation

ArcGIS JavaScript API, Bootstrap,

DOJO, ArcGIS Layers

DEVELOPED A WEB APPLICATION ENABLING USERS TO DOWNLOAD PROPERTY TAX RECEIPTS BY LOCATING PROPERTIES ON A MAP

### TCS iON

JavaScript, HTML, CSS

DIGITAL ONLINE EXAMINATION ASSESSMENT TRAINING AT TCS iON (ONE MONTH, 2016)

## Awards & Certificates

Nov 2022	<b>On the Spot Award</b> , Recognized for creating nice UI design	<i>Team Lead, TCS</i>
Aug 2022	<b>Best Team Award</b> , Recognized for creating customize the Email functionality	<i>Team Lead, TCS</i>
Jun 2023	<b>Xcelerate Warrior Certificate</b> , Recognized after successful project completion	<i>HR, TCS</i>
Jan 2018	<b>ESRI Conference Certificate</b> , Awarded for participating 2 days ESRI users conference	<i>ESRI</i>