Mr. **Deepak Vishwakarma**

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DOB: 10 Oct 1993 | Language: Hindi & English

Education

Central Univeristy	*South Bihar Gaya, IN*
MASTER OF SCIENCE IN COMPUTER SCIENCE	*Jun 2015 – Jul 2017*
GPA: 7.0	
Dr. Shyama Prasad Mukherjee University	*Ranchi (Jharkhand), IN*
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY	*Apr 2011 – Aug 2014*
GPA: 7.6	

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	**On the Spot Award**, Recognized for creating nice UI design	*Team Lead, TCS*
Aug 2022	**Best Team Award**, Recognized for creating customize the Email functionality	*Team Lead, TCS*
Jun 2023	**Xcelerate Warrior Certificate**, Recognized after successful project completion	*HR, TCS*
Jan 2018	**ESRI Conference Certificate**, Awarded for participating 2 days ESRI users conference	*ESRI*
Jan, 2023	**Limelight Award**, Recognized for excellence contribution in a project	*Director, Enbridge*