

# MONICA CHANDNI J

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## EXECUTIVE SUMMARY

- 4 years of experience in developing enterprise 2D and 3D web applications using ESRI ArcGIS JavaScript API 3.2x, 4.x and ArcGIS Pro
- Experience in working in ArcGIS Desktop, ArcGIS Online, ArcGIS Server, SQL server, publishing services, authoring geoprocessing services and geodatabase management
- Product owner and Solution Architect, Experience in conducting training programmes, providing solution demo to clients and gathering client requirements from varied businesses

## AREAS OF EXPERTISE

<b>Software</b>	ArcGIS Desktop, ArcGIS Server, ArcGIS Pro, SQL Server Management Studio
<b>Languages</b>	JavaScript, HTML, CSS, VB.Net, Python, C, C++, Visual Basic, SQL
<b>Database</b>	MS SQL, MS Access

## PROFESSIONAL EXPERIENCE

<p><b>Assistant Manager - Geospatial Technologies</b> L&amp;T NxT, CHENNAI, INDIA.   <a href="http://www.lntnxt.com/">http://www.lntnxt.com/</a></p> <ul style="list-style-type: none"><li>• Enhancing existing web and mobile solutions using innovative and current trends</li><li>• Resolving practical implementation problems and providing client support.</li><li>• Increasing customer satisfaction by resolving issues in our Enterprise GIS solutions.</li><li>• Working with clients post-implementation on user testing, debugging, support and maintenance.</li><li>• Applying customer feedback to develop process improvements</li></ul>	<p><b>July 2019 – Current (1 year)</b></p>
<p><b>Assistant Manager - Geospatial Technologies - Digital</b> LARSEN &amp; TOUBRO, CONSTRUCTION, CHENNAI, INDIA.   <a href="http://www.lntecc.com/">http://www.lntecc.com/</a></p> <ul style="list-style-type: none"><li>• Gathered requirements from clients and domain experts, defined scopes, allocated resources, and established schedules as per project demands.</li><li>• Performed necessary modifications in developed web applications</li><li>• Developed 3D web applications using ArcGIS JS API and ArcGIS Pro</li><li>• Implemented Agile methodologies in ALM (Application Lifecycle Management)</li></ul>	<p><b>July 2018 – July 2019 (1 year)</b></p>

<p><b>Senior Engineer - Geospatial Technologies - Digital</b></p> <p>LARSEN &amp; TOUBRO, CONSTRUCTION, CHENNAI, INDIA.   <a href="http://www.lntecc.com/">http://www.lntecc.com/</a></p> <ul style="list-style-type: none"> <li>• Developed 2D web applications using ArcGIS JavaScript API as per client requirements</li> <li>• Briefed RFP documents and other software proposals to top management, aiding decision making</li> <li>• Provided solution demo of our in-house developed web and mobile applications to clients</li> <li>• Conducted training programs on Enterprise GIS solutions</li> </ul>	<p><b>July 2017 – July 2018</b> <b>(1 year)</b></p>
<p><b>Post Graduate Engineer Trainee - Geospatial Technologies - Digital</b></p> <p>LARSEN &amp; TOUBRO, CONSTRUCTION, CHENNAI, INDIA.   <a href="http://www.lntecc.com/">http://www.lntecc.com/</a></p> <ul style="list-style-type: none"> <li>• Published map and feature services as per client requirements</li> <li>• Developed custom widgets for incorporating in developed web applications</li> <li>• Manual Preparation - Documentation works for procedure and operation</li> </ul>	<p><b>July 2016 – July 2017</b> <b>(1 year)</b></p>
<p><b>Intern</b></p> <p>INDIA METEOROLOGICAL DEPARTMENT, Government of India.</p> <ul style="list-style-type: none"> <li>• Mapping of Taluk wise daily / seasonal rainfall distribution for Tamil Nadu using GIS</li> <li>• Taluks were categorized based on departure values calculated using 34 years of rainfall data</li> <li>• Daily rainfall distribution map for Tamil Nadu was created using ArcMap.</li> </ul>	<p><b>June 2015 - July 2015</b> <b>(1 month)</b></p>
<p><b>Project Student</b></p> <p>TAMILNADU ELECTRICITY BOARD - TANGEDCO, Government of Tamil Nadu.</p> <ul style="list-style-type: none"> <li>• Determined the length of electricity transmission line of Tirunelveli district using GPS and GIS</li> <li>• Prepared base map and asset map using ArcMap</li> </ul>	<p><b>Dec 2013 - Mar 2014</b> <b>(4 months)</b></p>

## EDUCATIONAL QUALIFICATION

- **Master of Engineering in Geomatics**, Anna University, Chennai, India
  - Graduated in July 2016 with a CGPA of 8.4/10
- **Bachelor of Engineering in Geo-Informatics**, Anna University, Chennai, India
  - Graduated in April 2014 with a CGPA of 8.2/10
- **HSE (Higher Secondary Education)**, State Board, Tamil Nadu, India
  - Graduated in March 2010 with a score of 87.6%
- **SSLC (Secondary School Leaving Certificate)**, State Board, Tamil Nadu, India
  - Graduated in March 2008 with a score of 95.8%

## TRAINING AND WORKSHOP

- Ten-day residential training on '**Executive Development Programme**' conducted by IFMR Graduate School of Business, KREA University, Chennai.
- One day training on '**Application Security Services**' conducted by L&T Corporate, Chennai.
- Training on **ArcGIS Desktop** Essential workflows, **ArcGIS Server**, **ArcFM Desktop** - concepts, tools, data models and **ArcFM Server**.
- Two day '**Design Thinking Boot-Camp**' at LTI Corporate Design Studio, Chennai.
- Two day '**Outbound Energizer Programme for Corporate Digital**' at Pegasus Institute, Pondicherry.
- One-week training on '**Open Source GIS, Web GIS and QGIS**' at KCube Consultancy Pvt. Ltd., Chennai.
- One-week student visit under **Sakura Science Program** at Shibaura Institute of Technology, Tokyo, Japan.
- IIRS Outreach Development Program titled '**Remote Sensing and its Concepts**' conducted by ISRO.

## PERSONAL PROFILE

- Date of Birth : 01-08-1992 (27 years)
- Nationality : Indian
- Marital Status : Married
- Languages known : Tamil, English, Hindi, Kannada

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