


AMIT TRIPATHI

Senior Application Developer

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 https://www.youtube.com/channel/UCtp43_Gl44yTRVT9fXsUZCw

 <https://www.npmjs.com/~amitee0007>



Senior Application Developer (Mean Stack) with 4.5 years of experience in 3D visualization and GIS development, has passion to innovatively solve organization's issues and increase efficiency via technology that is reliable and user-friendly. I have the ability to think out of the box .

Skills

Core Php, Dart, TypeScript, AJAX, JavaScript (ES5, ES6)

Frameworks Angular 7+, Laravel, Express.js, Nodejs, Flutter

Library jQuery, Turn.js, Socket.IO, plotly.js,

Mapping d3.js, deck gl, mabox, google map, leaflet, osm

DBMS MySQL, MongoDB

WebGL, AR/VR Threejs, Aframe, WebXR, AR.js

Tools & Software AutoCAD-2D, Postman, Global mapper, Qgis

Technical Experience

Senior Application Developer

SGR Labs Private Limited

March 2018 – Present

- Here I am working on a Product Heliware (<https://heliware.co.in>) It's 3D Geo-spatial platform for development, analysis & data mining.
- I am responsible for 3D development using THREE.JS for analysis over 3D Models and developing map based applications.
- I have worked on 3D Tiling, Solar panel simulation, flood analysis, tagging, measurements over 3D models.

- On map implemented vector & raster tiling and urban planning & analysis platform on different mapping libraries like mapbox gl, Leaflet & Google Maps.
- I am contributing three npm modules for the company
 - heligeo
 - heliwareJS
 - Heli-3d-Viewer
- Creating tutorials for developers on company libraries, So that they can explore company libraries easily.
- Creating & Testing API as per Application requirement using Nodejs.
- I have worked on various JavaScript plugins & libraries like turn.js, three.js & socket.io for splendid user experience.
- Enabled simple security features such as recaptcha v3, Token and Session based authentication & authorization, social platform-based login like google, Facebook.
- Knowledge of different cloud-based servers and services like digital ocean, AWS S3, EC2, Athena, Google big query, snowflake Big Query.

Web Developer Intern

Katalyze finesse Private Limited

Sept 2017 – March 2018

- Learned and developed many websites and applications using Php, Laravel.
- Developed school and institute helping web applications for quiz creation, adding a variety of questions and forms builder.
- Developed quiz mobile application using dart-Flutter
https://play.google.com/store/apps/details?id=com.katalyze.quiz_app&hl=en&gl=US

Qualification | Training | Certification

- Bachelor of Technology (BTech) – Electrical Engineering with 1st division
- Online certification of JavaScript, Nodejs, Php, Laravel, HTML, CSS, A-frame, Angular etc at udemy.com
- 5 Weeks summer training at NTPC Badarpur
- 5 Weeks advance robotics training at IIT-Delhi
- 3 Months Industrial automation and AutoCAD training at Sofcon India private limited, Noida