<!DOCTYPE html>

<html>

<head>

<title>GPS Location Map</title>

<script src="https://maps.googleapis.com/maps/api/js?key=YOUR\_GOOGLE\_MAPS\_API\_KEY&libraries=geometry"></script>

<script>

var map, marker;

function initMap() {

var myLatLng = { lat: 0, lng: 0 }; // Initial position

map = new google.maps.Map(document.getElementById('map'), {

center: myLatLng,

zoom: 15

});

marker = new google.maps.Marker({

position: myLatLng,

map: map

});

var ws = new WebSocket('ws://' + window.location.hostname + ':80/');

ws.onmessage = function (event) {

var coords = event.data.split(',');

var latitude = parseFloat(coords[0]);

var longitude = parseFloat(coords[1]);

var newLatLng = new google.maps.LatLng(latitude, longitude);

marker.setPosition(newLatLng);

map.panTo(newLatLng);

};

}

</script>

<style>

#map {

height: 400px;

width: 100%;

}

</style>

</head>

<body onload="initMap()">

<div id="map"></div>

</body>

</html>