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## Yatish Bathla



### Full Stack Developer

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| <b>Company</b>            | Msg global solutions India Pvt Ltd, Bangalore, India   |
| <b>Overall Experience</b> | <ol style="list-style-type: none"><li>1. 7.5+ years of Software development and IT experience. Java/Springboot/Javascript/Typescript/Node/Angular/Android/Microservices/Docker/Kubernetes/Jenkins/MySQL/PostgreSQL/GoogleCloud/MicrosoftAzure in Agile Development Model.</li><li>2. Architecture, Development, Maintenance, Enhancement, Testing, Migration of Applications, and products.</li><li>3. Certifications on Microsoft Azure Fundamentals and AI Fundamentals.</li></ol> |

#### 1. Education

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| <b>Doctorate</b> | <p><b>Doctoral School of Applied Informatics and Applied Mathematics, Óbuda University, Budapest, Hungary</b></p> <p>■ Ph.D. in Information Science and Technology      <b>Sep 2015 – Sep 2020</b></p> <ul style="list-style-type: none"><li>● Thesis: Information content models of objects for communication between engineers</li><li>● GPA: 3.5</li><li>● Skill set: Java, Javascript, HTML, CSS, Python, PostgreSQL, Shell scripting, Modelica, Dymola, Web Application, System Modeling, Cyber Physical System Modeling, Behavior Modeling, Soft Computing, Nuero Fuzzy System, Fuzzy Logic, Predictive Analytics, Predictive Decision Models, Web Dynamics.</li></ul> |
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| <b>Master of Science</b>       | <p><b>Signal Theory and Communications Department, Universitat Politècnica de Catalunya, Barcelona, Spain</b></p> <ul style="list-style-type: none"> <li>■ European Master of Research in Information and Communication Technologies<br/><b>Sep 2010 – Jul 2012</b></li> <li>● Thesis: A Proposal of Modification in Thorup Zwick Compact Routing Algorithm for Future Internet</li> <li>● CGPA: 7.78</li> <li>● Skill set: C++ Programming, Routing Algorithm, Routing Protocols, Compact Routing Schemes, Internet, Routers, Microsoft Server 2012, GSM Network, GPRS Network, 3G Network, 4G Network.</li> </ul> |
| <b>Bachelor of Engineering</b> | <p><b>Lingayas Institute of Technology and Management, Maharishi Dayanand University, Faridabad, India</b></p> <ul style="list-style-type: none"> <li>■ Bachelor of Engineering in Information and Communication<br/><b>May 2004 – Sep 2008</b></li> <li>● Thesis: Coding Security System for Landline Communication</li> <li>● Score: 71.90%</li> <li>● Skill set: C Programming, Networking, Microcontroller, Keil Compiler, Public switched telephone network, Cable modems, Coaxial Cable.</li> </ul>   |

## 2. Professional Experience

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| <b>Employer</b> | <b>MSG- Global</b>  | <b>December 2022 till date</b> |
| <b>Position</b> | Senior Java Consultant  |                                |
| <b>Location</b> | Bangalore, Karnataka, India   |                                |
| <b>Industry</b> | IT  |                                |
| <b>Tasks</b>    | <p>I am a team member of the Business Technology Service.</p> <ul style="list-style-type: none"> <li>■ <b>Skills:</b> Java DSL, Springboot, Hibernate, JBoss, Apache Camel, Filenet Services, Hermes JMS, Amazon Web Services</li> <li>● <b>Troubleshooting an API:</b> It is an Interface between upstream system &amp; downstream systems. My task is to troubleshoot the APIs integration issues, testing with Hermes JMS and updating the API documentation.</li> </ul> |                                |

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| <b>Employer</b>      | <b>Avaya</b>   | <b>October 2018 to December 2022</b> |
| <b>Position</b>      | Full Stack Developer   |                                      |
| <b>Location</b>      | Budapest, Hungary  |                                      |
| <b>Industry</b>      | Telecommunication  |                                      |
| <b>Project/Tasks</b> | <p>I was a team member of the Solution &amp; Technology, R&amp;D. I have worked on the CCaaS Widgets, MEGA, and NGM projects.</p> <ul style="list-style-type: none"> <li> <b>Skills:</b> Angular, Typescript/Javascript, HTML, CSS, Java, Springboot, PostgreSQL, SOAP/WSDL, REST API, Passport API, Fetch API, Firebase Realtime Database, Microsoft Azure, Google Cloud, Microservices, Docker, Kubernetes, jenkins, Helm Chart, Maven, Git, Jira, Agile </li> <li> <b>Element Inventory in NGM:</b> I have worked on the frontend of Element Inventory Microservices (admin-inventory, product-voice, user-service and voice-service) in NGM. I have handled UI of Elements (Voice, LDAP, SAML, Call Management System, System Manager) in the microservices by adding LDAP features, bug fixing and configuration. I have used Angular, Node, REST API, Kubernetes, jenkins, Helm Chart, Maven, Git, Jira, Agile </li> <li> <b>MBX and MCS in MEGA:</b> I have worked on the frontend of MBX and MCS Microservices (mcs-cm-ui, mbx-sm-ui, mcs-security-ui and auth) in MEGA. I have handled frontend of the microservices by adding aria features for visual impaired users, bug fixing and configuration. I have used Angular, Material UI, Node, REST API, docker, jenkins, Maven, Git, Jira, Agile </li> <li> <b>Coding CCaaS Widget (Form widget and web server):</b> I have worked on the form based widget which interacts with the coded webserver. The webserver interacts with the customer provided API (Penbox API). I have used Node, Angular, REST API and Fetch API. </li> <li> <b>Coding CCaaS Widget (Click2Call/Click2Email widget):</b> I have worked on the widget where CCaaS agent can call and send email to the respective customers. I have used Angular and WidgetAPI. </li> <li> <b>Communication between the CCaaS widgets:</b> I have worked on the transmitter and receiver widgets for communication between the widget. Transmitter widget perform the LDAP search from the database. The receiver widget receives the searched data and used as a Click2Call/Click2Email widget. I have used Angular, PostgreSQL, PHP, Broadcast Channel API </li> <li> <b>Coding CCaaS Widget (Form widget to interact with Cloud data):</b> I have worked on the form widget that perform CRUD operation on the cloud data. I have used Angular, REST API, </li> </ul> |                                      |

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Fetch API, Firebase Realtime database, Google Cloud.

- **CCAI Node Server and Application to interact with WSDL based system:** I have worked on the Node server (CCAI router) that interacts with the WSDL based system (Avaya Experience Portal) for managing the telephony based data required to integrate with chatbot application. Application database has been configured based on the response of system. I have used Node, Angular, Sequelize, Passport API, WSDL/SOAP , REST API, PostgreSQL

- **Add SMS feature in the customer support chatbot:** I have worked on the customer support chatbot which send a SMS to the registered number after support ticket has been generated. I have used Nodejs, CPaaS API, Dialogflow ES, Google Cloud

- **Add language translation feature in the Digital bridge based chatbot:** I have worked on language translation feature in the customer support Chatbot. In the architecture, there are containers (Voice, Digital Bridge and Widget). I have used Nodejs, Google Translate API, REST API, Swagger API, Dialogflow CX, Java, Springboot, Docker, Kubernetes.

- **Documentation of CCAI router app, customer support chatbot and CCaaS:** I have documented feature and technical specifications of CCAI router app, SMS features of customer support chatbot. Also, I have conducted research to compare the AI features of Avaya OneCloud CCaaS with its competitors Genesys Cloud CX/ PureCloud, TalkDesk, Five9, Aircall, Ringcentral contact center etc. Based on the outcome, I have prepared technical documentation and presentation.

- **Troubleshooting the bugs for ACR and WFO:** I have worked on Avaya Contact Recorder (ACR) & Work Force Optimization (WFO) systems. My role is to provide the troubleshoot and bugs fixing for both the systems

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| <b>Employer</b> | <b>Lara Technologies</b>  | <b>Sep 2014 to August 2015</b> |
| <b>Position</b> | Mobile Application Developer  |                                |
| <b>Location</b> | Bangalore, India  |                                |
| <b>Industry</b> | IT Services   |                                |
| <b>Tasks</b>    | <ul style="list-style-type: none"><li>■ <b>Skills:</b> Apache Cordova, Android, Java, XML, JavaScript, HTML, CSS, Rest API , PostgreSQL</li></ul> <b>Web App to Mobile App:</b> I have worked on the Apache Cordova |                                |

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to convert web application to mobile application. I have added new features like Barcode scanning, payment gateway, push notifications and facebook connect in the mobile application and IT support.

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| <b>Employer</b> | <b>Linpus Technologies</b>  | <b>May 2014 to Sep 2014</b> |
| <b>Position</b> | Mobile Application Developer  |                             |
| <b>Location</b> | Taipei, Taiwan  |                             |
| <b>Industry</b> | Mobile Software   |                             |
| <b>Tasks</b>    | <p>I have worked on the Android Live Wallpaper Application.</p> <p>■ <b>Skills:</b> Java, XML, Android/Android Patterns, Subscriptions and In-App Purchases API, Google Play Billing Library, Maven, Gradle, Git, Jira</p> <p>• <b>Adding features in Android Live Wallpaper:</b> I have worked on the WallpaperManager API, WallpaperService API, boids and flocking rules for coding animation features of Mountain Zen and S4 Water Pool live wallpaper. I have used MVP and MVVM patterns. I have used Subscriptions and In-App Purchases API, Google Play Billing Library for In-app purchase of products.</p> |                             |

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| <b>Employer</b> | <b>Toro Technologies</b>  | <b>August 2012 to April 2014</b> |
| <b>Position</b> | Junior Java Developer   |                                  |
| <b>Location</b> | Taipei, Taiwan  |                                  |
| <b>Industry</b> | Mobile Software   |                                  |
| <b>Tasks</b>    | <p>I have worked on J2ME Midlet Application and Android Application.</p> <p>■ <b>Skills:</b> Java, XML, Midlet, Android, SOAP/WSDL, REST API, Contactless Communication API, Location API, ACRA API, Google Pay API, Room Persistence library, Maven, Gradle, Git, Jira</p> <p>• <b>Coding J2ME Midlet Mini Apps:</b> Company has its own J2ME based SDK which runs on the Symbian Operating System. They have used the concepts of Super and Mini Apps where Mini Apps reside inside the Super App. I have worked on the Mini Apps which is a J2ME Midlet application. For Database, RMS (Record Management System) as well as webservice are consumed via SOAP/WSDL document. For building and deployment of the application, Maven, Jar and Jad files has been used. Also, JUnit testing of Mini apps has been done by using Jupiter.</p> <p>• <b>Migration of Akami J2ME SDK to Android:</b> I have worked on</p> |                                  |

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the Interface Implementation between Akami J2ME SDK and Android required for Company's Android App. I have worked on the interfaces and its implementation for the Super Apps in the context of the Android Application. I have used Event Delegate model.

- **NFC based Android Mini App and adding features (Payment, Location Tracking, Crash Report) and Room persistence library for database:** I have used Contactless Communication API for NFC based Android Mini App. I have used Google Pay API for adding payment feature, ACRA (Application Crash Report for Android) API for adding Crash report feature, Location API for adding location feature and Room persistence library for database. For JUnit testing, Mockito has been used.

#### **Hobbies & Interest**

Hiking, Traveling, Table Tennis, Badminton, Reading Books