

# SURAJ VISHWAKARMA

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## EDUCATION

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<b>New Jersey Institute of Technology</b> <i>Master of Science – Computer Science</i> <b>Relevant Courses:</b> Intro to Big Data, Data Mining, Data Analytics, Operating System, Algorithm & Data Structures, Database Management System, Web Systems Design, Java Programming.	<b>May 2021</b> GPA 3.5
<b>Shree L.R. Tiwari College of Engineering, India</b> <i>Bachelor of Science – Computer Science and Engineering</i> <b>Relevant Courses:</b> Object Oriented Programming and Methodology, Software Development Life Cycle (SDLC), Structured Programming Approach, Database Management System, Machine Learning, Cloud Computing.	<b>May 2018</b> GPA 3.3

## TECHNICAL SKILLS

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<b>Language:</b>	Java, Python, C++, HTML, CSS.
<b>Database:</b>	Microsoft SQL Server, Relational Databases, MongoDB.
<b>Tools/Technologies:</b>	Spring Boot, REST, JDBC, J2EE, JavaScript, Angular, Apache Tomcat, Maven, Hibernate, Junit, Selenium, JIRA, Eclipse, GIT, AWS, Docker, Hadoop, RPA, UiPath.

## EXPERIENCE

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<b>Software Engineer – Qualitykiosk Technologies, India</b> Expanded personal skills by practically working on multiple core Java ideas, such as <b>Collection framework</b> , <b>Multi-threading</b> , <b>Generics</b> , and <b>Serialization</b> . Leveraged remarkable technical expertise in designing and development of API of <b>Restful Services</b> to facilitate enterprise product in the business. Equipped with sound knowledge of several <b>SQL/NO SQL</b> databases systems, including <b>SQL Server</b> , <b>MySQL</b> , and <b>Mongo DB</b> .	<b>Jul 2018 – Aug 2019</b>
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- Generated increase in spending time on page for average user by 2 minutes by building web services with **Spring Boot** for customer facing application.
- Reduced loading time by 50% and revamped application by using advanced practical knowledge, latest programming languages and technologies, including **Spring MVC**, **JSP**, and **jQuery**.
- Taken a shot at **SQL/NO SQL** databases systems like **SQL Server**, **MySQL**, and **Mongo DB**.
- Improved customer satisfaction levels by minimizing complaints by 7% through development of **Test Coverage** for applications.
- Maintained the source using **version controlling** tools using **GIT** and **SVN**.
- Familiarity with **AWS EC2** Instance

## ACADEMIC AND SIDE PROJECTS *(view entire project portfolio at [surajvishwakarma.com](http://surajvishwakarma.com))*

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<ul style="list-style-type: none"><li>• <b>Flight Data Analysis:</b> Hadoop, Java, AWS, Oozie<ul style="list-style-type: none"><li>◦ Discovered airlines with highest and lowest probability for being on schedule, most common reason for flight cancellation through implementation of Oozie workflow.</li></ul></li><li>• <b>E-Commerce Site:</b> J2EE, SQL, HTML, CSS, PHP, JavaScript<ul style="list-style-type: none"><li>◦ Leveraged technical expertise in development of e-commerce platform to stuffs and add the items to cart.</li></ul></li><li>• <b>ATM Simulator:</b> Java, SQL, HTML, CSS<ul style="list-style-type: none"><li>◦ Built highly efficient application in line specification with multiple features and functionalities, such as user login, logout, money withdrawal, deposit the money, and balance inquiry.</li></ul></li><li>• <b>Conversational AI:</b> GCP, Dialogflow<ul style="list-style-type: none"><li>◦ Utilized Dialogflow to overhaul pizza conversational bot to facilitate user to order pizza and beverages.</li></ul></li><li>• <b>Sixth Sense Technology:</b> Python, MATLAB (UNDERGRAD FINAL YEAR PROJECT)<ul style="list-style-type: none"><li>◦ Designed and built a project “Sixth Sense” with wearable gestural interface to augments the physical world with digital information.</li></ul></li></ul>
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## PUBLICATION, TRAINING AND WORKSHOPS

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<ul style="list-style-type: none"><li>• Successfully completed Advance Java course from Neebal Technologies, 2017.</li><li>• MOOC course on ‘Algorithm and Data Structure’, ‘Conversational AI’, ‘MongoDB’ from Coursera.</li><li>• Published “Wear Our World using Sixth Sense Technology”, IJSART 2018.</li><li>• Published “Augmented Reality: Its applications and future trends”, IJSART 2018.</li></ul>
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## EXTRA-CURRICULAR AND VOLUNTEER ACTIVITIES

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<ul style="list-style-type: none"><li>• Won 2<sup>nd</sup> place in inter college technical paper presentation on ‘Sixth sense technology’.</li><li>• Student Leader of college NSS unit of 100 volunteers.</li><li>• Awarded by “GANARAYA AWARD” for helping the police during festivals.</li><li>• Organized blood donation camp in college in co-ordination with SOUL (NGO).</li></ul>
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