

# ISHA MISHRA

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## EDUCATION

<b>Westcliff University, Irvine, United States</b> <i>Masters of Science, Computer Science CGPA: 4/4</i>	<b>2024-25</b>
<b>Vellore Institute of Technology (VIT) Vellore, India</b> <i>Bachelor of Technology, Electronics and Communication Engineering; CGPA: 3.83/4</i>	<b>2015-19</b>
<b>City Montessori School (CMS) Lucknow, India</b> <i>Class 10+2, ISC Board; Percentile: 97.8/100 (All India Rank: 4<sup>th</sup> amongst 500,000 students)</i>	<b>2014-15</b>

## EXPERIENCE

<b>LetsTransport, Bengaluru, India (B2B Logistics Tech Provider, funding stage: Series E)</b> <b>Senior Software Engineer</b> <ul style="list-style-type: none"><li>Developed the low-level design and implemented a rules engine for storing comprehensive vehicle attributes, enhancing data accuracy and retrieval efficiency.</li><li>Developed an interview scheduling and slot discovery product with recruiters using JavaScript and Node.js with MongoDB, and created a unified dashboard for all users, improving scheduling efficiency and user experience.</li><li>Streamlined the partner KYC(Know Your Customer) onboarding process, boosting activation by 60% through a push notification bundle developed with a scheduler cron job and custom rules engine.</li><li>Worked on a proof of concept (POC) for synchronizing MongoDB data with Elasticsearch in real-time using an open-source tool called Monstache, demonstrating improved data synchronization capabilities.</li><li>Authored technical documentation on low-level designs and code implementation for multiple microservices, facilitating better understanding and maintenance of the systems.</li><li>Mentored junior programmers, conducted code reviews, and delegated tasks as a senior engineer, leading to improved team performance and code quality.</li><li><b>Tech Stack:</b> Javascript, Typescript, NodeJs, NestJs, Express, MongoDB, Redis, Python.</li></ul>	<b>July '22-Sep '23</b>
<b>Oracle, Bengaluru, India (Primavera in C&amp;E vertical)</b> <b>Role1: Software Engineer (19-20), fast-tracked promoted to Role2: Senior Software Engineer</b> <ul style="list-style-type: none"><li>Led a team of junior engineers, providing mentorship, conducting code reviews, and delegating tasks, which improved team productivity and code quality.</li><li>Developed the Monte Carlo Risk Analysis rule engine and integrated it with related pages, boosting scheduler performance by approximately 90%.</li><li>Developed low-level design of rules engine and implemented it for storing comprehensive weather attributes in the Risk Module, enhancing data accuracy and system reliability.</li><li>Implemented import/export feature to improve data interoperability of Primavera with client's legacy systems.</li><li>Engaged with customers to resolve cross-functional critical bugs in microservices such as Activities and Workspaces, leading to improved system stability and customer satisfaction.</li><li>Implemented test-driven development (TDD) methodology using Mockito and JUnit, enhancing code reliability and reducing bugs.</li><li>Followed Agile Software Development Life Cycle (SDLC) best practices, improving team collaboration and project delivery times.</li></ul>	<b>Jan '19-July '21</b>

## PROGRAMMING SKILLS

<ul style="list-style-type: none"><li>Languages: Java, Javascript, Python, Matlab</li><li>Technologies: Zookeeper, Kafka, Jenkins, Docker, Google Cloud Console, JIRA, Kubernetes, MongoDB, Oracle 12c, Postgresql</li><li>Framework: Spring Boot, Node JS, JUnit, Mockito, Integration</li></ul>
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## ACADEMIC ACHIEVEMENTS

<ul style="list-style-type: none"><li>Digital Stopwatch with Timer IC in the IJLTET Journal(Paper ID: IJLTET-2017-1689), co-authored with Prof. Deepika Sona, Digital Integrated Circuits, VIT.</li><li>Awarded a certificate of appreciation and recognized by the Youth Empowerment Program Project.</li></ul>
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