

# MANUSHI

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## EDUCATION

<b>Northeastern University</b> <i>Master of Science - Computer Science (GPA: 3.96 / 4.00)</i>	Jan. 2021 - Apr. 2024 Boston, Massachusetts
<b>MV Jayaram College of Engineering, Bangalore</b> <i>Bachelor of Engineering – Computer Science (GPA: 3.87 / 4.00)</i>	Aug. 2006 - May 2010 Bangalore, India

## EXPERIENCE

<b>Focused Learning and Skill Development</b> <i>Advanced Education and Upskilling</i>	Apr. 2020 – current
<ul style="list-style-type: none"><li>Completed a <b>Master's in Computer Science</b> from Northeastern University with a <b>3.96 GPA</b>.</li><li>Gained hands-on experience in <b>AWS Lambda, API Gateway, Node.js</b>, and <b>React</b> through self-directed projects, with a focus on building <b>scalable and secure APIs</b>.</li></ul>	
<b>Tesco</b> <i>Senior Software Engineer</i>	Sept. 2010 – Nov. 2019 Bangalore, India
<ul style="list-style-type: none"><li>Developed <b>responsive web applications</b> using <b>ASP.NET MVC</b>, improving store management processes and making tasks <b>25% faster</b> for users.</li><li>Built and maintained <b>scalable RESTful APIs</b> using <b>Node.js</b> and <b>.NET</b>, enabling smoother communication between systems and serving multiple projects.</li><li>Worked extensively on <b>backend systems</b> with <b>Oracle PL/SQL</b>, ensuring seamless database transactions and reducing query times by <b>30%</b>.</li><li>Designed and deployed Tesco's <b>stock management</b> and <b>replenishment system</b> in the UK and Ireland, leading to a <b>20% reduction</b> in <b>overstocking</b>.</li><li>Rolled out the <b>Direct Deliveries Android app</b> to <b>3000+ UK stores</b>, replacing outdated PDAs in <b>under 2 months</b>, and ensured swift feature deployment using <b>SOTI MobiControl</b>.</li><li>Designed <b>intuitive interfaces</b> for Android and web applications, conducted <b>end-to-end testing</b>, and managed the full application lifecycle, including bug fixes and updates.</li><li>Developed <b>UI</b> for <b>Replenishment Forecaster Scheduler</b> using <b>ASP.NET 4.0</b> and <b>Oracle PL/SQL</b>, optimizing replenishment teams' nightly workload.</li><li>Automated server security patch updates with <b>Chef</b>, reducing update times and improving security across <b>150+ servers</b>.</li><li>Worked closely with store employees to collect feedback and address real-world issues, achieving a <b>95% user satisfaction rate</b>.</li><li>Collaborated with cross-functional teams to deliver a <b>project featured</b> in <b>Bangalore Mirror</b> for its impact on store operations: <b>Tesco Innovation Project</b>.</li><li>Assisted junior developers by sharing knowledge on <b>full-stack development</b>, API design, and database management.</li></ul>	

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, TypeScript, Node.js, Python, C#  
**Web Technologies:** RESTful API design, JSON, HTTP/HTTPS protocols, JWT authentication  
**Cloud Technologies:** AWS Lambda, Amazon API Gateway, AWS CloudWatch, AWS SNS, AWS IAM  
**Databases:** Amazon DynamoDB, Oracle PL/SQL, MySQL  
**Tools:** Serverless Framework, Git, Postman, JIRA, Jenkins  
**Frameworks:** ASP.NET MVC, Serverless Framework, React