

# MUNAGALA SUSMITHA SEN

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## SUMMARY

Experienced Full-Stack Developer with expertise in .NET and Angular, passionate about building high-performance, scalable applications. Demonstrating strong problem-solving skills and a commitment to delivering high-quality solutions.

## EDUCATION

<b>M.Tech, Computer Science Engineering</b> IIT Delhi Relevant coursework: ML, Deep Learning, Algorithms, Data Structures	Jun 2021 – May 2023 8.2 CGPA
<b>B.Tech, Computer Science Engineering</b> SRM Institute Of Science & Technology Relevant coursework: Data Structures, Algorithms, Python, C++, Dotnet Core, Database Management	Jun 2017 – May 2021 9.1 CGPA

## TECHNICAL SKILLS

**Languages:** C, C++, Python, Java, C#, JavaScript  
**Frameworks & Tools:** Angular, .NET, ReactJS, Postman, Git, Docker, Kubernetes, CI/CD pipelines, AWS  
**Databases:** SQL, PostgreSQL, MongoDB, Database Management, API design

## WORK EXPERIENCE

<b>EXL Digital, Noida Sec-144: FullStack Developer</b> <ul style="list-style-type: none"><li>Developed and deployed 100+ high-performance APIs using .NET and Python, optimizing scalability and ensuring high availability for diverse multitenant applications. Significant contributions to improving overall application performance.</li><li>Engineered a robust data processing API pipeline, efficiently managing 20+ complex Formio JSON structures, significantly improving operational efficiency and data quality.</li><li>Developed a fully responsive and user-friendly website using Angular, ensuring seamless performance across all devices, leading to a 20% increase in user satisfaction and positive user experience.</li><li>Implemented Single Sign-On (SSO) with API authorization leveraging Bearer tokens, alongside developing an OTP-based email login system integrated with Microsoft Graph API to enhance security.</li><li>Designed and implemented an AWS Lambda function to automate a cron job processing Excel files from S3, converting to JSON, and storing data in a database for efficient retrieval. This improved data analysis capabilities.</li><li>Automated the onboarding process using a Camunda workflow, reducing complexity and enhancing efficiency, demonstrating strong problem-solving skills.</li></ul>	Aug 2023 – Present
<b>Nokia, Chennai: Web Developer Intern</b> <ul style="list-style-type: none"><li>Enhanced the UI, optimizing design and workflows for a more intuitive user experience.</li><li>Contributed to team projects, demonstrating ability to work collaboratively and deliver on assigned tasks.</li></ul>	Jun 2018 – Jul 2018

## PROJECTS

<b>Ultrasound Placental Image Analysis Using Deep Learning</b> Collaborated on modifying CNN models (VGG16, ResNet) for image classification, demonstrating strong machine learning skills. <ul style="list-style-type: none"><li>Implemented ML and neural network models to classify trimesters.</li><li>Performed data augmentation, increasing dataset size by 30%, improving model accuracy.</li><li>Published research findings.</li></ul>	Aug 2022 – March 2023
<b>DLPM Data Lead Payable Management</b> Awarded Best Team Contributor for significant project contributions, showcasing strong technical abilities and teamwork. <ul style="list-style-type: none"><li>Deployed an automated tool to classify invoices (PO/Non-PO) with 95% accuracy using a machine learning model.</li><li>Automated invoice processing, reducing manual effort and errors by 25%, improving cost efficiency. Enabled seamless ERP integration.</li><li>Automated data extraction and conversion to JSON for database storage.</li><li>Enabled automated 2-way/3-way matching for PO-based orders, reducing manual intervention.</li><li>Optimized non-PO invoice workflows.</li><li>Improved processing efficiency by automating invoice matching, reducing processing time by 30% and minimizing errors.</li></ul>	Feb 2024 – Nov 2024