

MUNAGALA SUSMITHA SEN

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SUMMARY

Experienced Full-Stack Developer with expertise in .NET and Angular, passionate about building scalable and efficient applications.

EDUCATION

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

TECHNICAL SKILLS

Languages: C, C++, Python, Java, C#
Frameworks & Tools: Angular, Dotnet, Postman, Git, CI/CD pipelines, AWS, Docker
Databases: SQL, PostgreSQL, MongoDB, Database Management Using SSMS

WORK EXPERIENCE

EXL Digital, Noida Sec-144: FullStack Developer <ul style="list-style-type: none">Developed and deployed 100+ high-performance APIs using .NET and Python for diverse multitenant applications, optimizing scalability and enhancing overall application efficiency.Engineered a robust data processing API pipeline, efficiently managing 20+ complex Formio JSON structures, significantly improving overall operational efficiency.Developed a fully responsive and user-friendly website using Angular, ensuring seamless performance across all devices, leading to a 20% increase in user satisfaction.Implemented Single Sign-On (SSO) with API authorization leveraging Bearer tokens, alongside developing an OTP-based email login system seamlessly integrated with Microsoft Graph API to enhance security and user authentication processes.Designed and implemented an AWS Lambda function to automate a cron job that processed Excel files from S3, converted them to JSON, and saved the JSON back to S3. Stored the file location and data in a database for efficient retrieval and management.Pioneered the automation of the onboarding process through the strategic design and implementation of a Camunda workflow, significantly reducing complexity and enhancing efficiency.	Aug 2023 – Present
Nokia, Chennai: Web Developer Intern <ul style="list-style-type: none">Enhanced the existing UI by optimizing design elements and improving user workflows, resulting in a more intuitive and visually appealing interface.Pioneered the automation of the onboarding process through the strategic design and implementation of a Camunda workflow, significantly reducing complexity and enhancing efficiency.	Jun 2018 – Jul 2018

PROJECTS

Ultrasound Placental Image Analysis Using Deep Learning Collaborated with a team to modify CNN models (VGG16, ResNet) for image classification. <ul style="list-style-type: none">Modified and implemented multiple ML and neural network models to classify trimesters.Performed data augmentation, increasing dataset size by 30%, leading to improved model accuracy.Published findings in a research paper.	Aug 2022 – March 2023
DLPM Data Lead Payable Management Awarded Best Team Contributor for significant project contributions. <ul style="list-style-type: none">Deployed an automated tool to classify invoices into PO and Non-PO categories.Designed and implemented a machine learning model to achieve 95% classification accuracy.Automated invoice processing, reducing manual efforts and errors by 25%. Enabled seamless ERP integration for streamlined data management.Automated the extraction and converted invoice data into JSON format for structured storage in a database, enabling seamless integration with downstream processes and enhanced data accessibility.Enabled automated 2-way or 3-way matching for PO-based orders by integrating email-based invoice retrieval, reducing manual intervention and human errors.Optimized non-PO invoice workflows for enhanced accuracy and faster processing.Improved processing efficiency by automating invoice matching with Purchase Orders (POs) and Goods Receipt Notes (GRNs), reducing invoice processing time by 30% and minimizing errors by 25%.	Feb 2024 – Nov 2024