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, demonstrating strong problem-solving skills and a positive attitude.

EDUCATION

M.Tech, Computer Science Engineering Jun 2021 – May 2023
IIT Delhi 8.2 CGPA
Relevant coursework: ML, Deep Learning, Algorithms, Data Structures

B.Tech, Computer Science Engineering Jun 2017 – May 2021
SRM Institute Of Science & Technology 9.1 CGPA
Relevant coursework: Data Structures, Algorithms, Python, C++, Dotnet Core, Database Management

TECHNICAL SKILLS

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

WORK EXPERIENCE

EXL Digital, Noida Sec-144: FullStack Developer Aug 2023 – Present

- Deployed 100+ high-performance APIs using .NET and Python, ensuring scalability and efficiency for multitenant applications.
- Engineered a robust data processing API pipeline, managing 20+ complex Formio JSON structures, improving operational efficiency.
- Developed a responsive website using Angular, ensuring seamless performance across devices.
- Implemented Single Sign-On (SSO) with API authorization using Bearer tokens and an OTP-based email login with Microsoft Graph API.
- Implemented an AWS Lambda function automating a cron job processing Excel files from S3, converting to JSON, and saving to S3.
- Automated the onboarding process using a Camunda workflow.

Nokia, Chennai: Web Developer Intern Jun 2018 – Jul 2018

- Enhanced the UI, optimizing design and improving user workflows.
- Automated a process using Camunda.

PROJECTS

Ultrasound Placental Image Analysis Using Deep Learning Aug 2022 – March 2023
Collaborated on modifying CNN models (VGG16, ResNet) for image classification.

- Implemented ML and neural network models to classify trimesters.
- Performed data augmentation, increasing dataset size by 30%.
- Published findings in a research paper.

DLPM Data Lead Payable Management Feb 2024 – Nov 2024
Awarded Best Team Contributor for significant project contributions.

- Deployed an automated tool to classify invoices into PO and Non-PO categories, achieving 95% accuracy.
- Automated invoice processing, reducing manual effort and errors by 25%.
- Automated data extraction and conversion of invoice data to JSON for database storage.
- Enabled automated 2-way or 3-way matching for PO-based orders.
- Optimized non-PO invoice workflows for enhanced accuracy and faster processing.
- Improved processing efficiency by automating invoice matching, reducing processing time by 30% and minimizing errors by 25%.