MUNAGALA SUSMITHA SEN

+91 8919593028 • munagalakrishnasai1@gmail.com • linkedin.com/in/munagalakrishnasai1

SUMMARY

Experienced Full-Stack Developer with expertise in .NET and Angular, passionate about building scalable and efficient applications. Strong problem-solving skills and a proven ability to deliver high-quality software solutions within tight deadlines.

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, Kubernetes, CI/CD pipelines, AWS
Databases: SQL, PostgreSQL, MongoDB, Database Management Using SSMS

WORK EXPERIENCE

EXL Digital, Noida Sec-144: FullStack Developer   Aug 2023 – Present
- Developed and deployed 100+ high-performance APIs using .NET and Python for diverse multitenant applications, optimizing scalability and enhancing overall application efficiency. Demonstrating strong coding skills and API design patterns.
- Engineered a robust data processing API pipeline, efficiently managing 20+ complex Formio JSON structures, significantly improving overall operational efficiency. Used modern software development practices.
- Developed a fully responsive and user-friendly website using Angular, ensuring seamless performance across all devices, leading to a 20% increase in user satisfaction. Ensuring high quality and positive user experience.
- 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. Addressing critical security challenges.
- 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. Significant automation contributions.
- Pioneered the automation of the onboarding process through the strategic design and implementation of a Camunda workflow, significantly reducing complexity and enhancing efficiency. Improving operational efficiency and reducing cost.

Nokia, Chennai: Web Developer Intern   Jun 2018 – Jul 2018
- Enhanced the existing UI by optimizing design elements and improving user workflows, resulting in a more intuitive and visually appealing interface. Improving user experience and implementing best practices.
- Worked within a team environment, collaborating effectively with colleagues to deliver projects on time and within budget.

PROJECTS

Ultrasound Placental Image Analysis Using Deep Learning   Aug 2022 – March 2023
Collaborated with a team to modify CNN models (VGG16, ResNet) for image classification.

- Modified and implemented multiple ML and neural network models to classify trimesters. Applied machine learning models.
- Performed data augmentation, increasing dataset size by 30%, leading to improved model accuracy. Data analysis and optimization.
- 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. Implementing automation solutions.
- Designed and implemented a machine learning model to achieve 95% classification accuracy. High performance machine learning.
- Automated invoice processing, reducing manual efforts and errors by 25%. Enabled seamless ERP integration for streamlined data management. Improving efficiency and reducing errors.
- 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. Data structure and management.
- Enabled automated 2-way or 3-way matching for PO-based orders by integrating email-based invoice retrieval, reducing manual intervention and human errors. Improving data quality.
- Optimized non-PO invoice workflows for enhanced accuracy and faster processing. Optimization and efficiency improvements.