

CHAITANYA GINNELA

📍 Hammond, IN 📞 219-900-5606 ✉️ g.chaitu1111@gmail.com in www.linkedin.com/in/chaitanya-ginnela

EDUCATION

Purdue University Northwest Master of Science - Computer Science - CGPA : 3.7/4 Courses : Algorithms, Operation systems, Programming languages and interpreters, Machine Learning, Software Design, Distributed Systems, Applied Software Development Practices.	Hammond, IN Jan 2024 - Dec 2025
Mahatma Gandhi Institute of Technology Bachelor of Technology - Electronics and Communication Engineering Courses : C, Java, Python, DBMS, Computer Architecture, Deep Learning, Machine Learning, Systems Engineering, Big Data.	Hyderabad, India Jul 2017 - Jul 2021

EXPERIENCE

Accenture Private Limited Solutions Application Development Analyst <ul style="list-style-type: none">Designed, analyzed, and implemented D365 objects (tables, forms, classes, data entities, security privileges, and menu items), automating business processes and reducing manual work by 40%.Debugged and optimized X++ code, increasing operational efficiency by 30% and automating routine operations with Root Cause Analysis methodsCreated custom forms with .NET, leveraging Application Programming Interfaces (APIs) for automated data retrieval and reducing access times by 20%, ensuring effective Performance Analysis.Reduced system bugs by 95% and enhanced customer satisfaction through Agile Environment development practices and iterative improvementsAutomated CI/CD pipelines for D365 solutions using Azure DevOps, minimizing manual build and deployment efforts by 50%. Managed repository organization and version control in Azure to optimize code deployment speed and minimize release errors.Collaborated in meetings with clients to gather requirements, provide technical guidance, and contribute strategic insights for project improvementsIdentified and fixed refresh time delays, achieving a 30% enhancement in system responsiveness, a solution highly valued by clientsLed investigations and root cause analysis for critical issues using D365 and DAX 2012, developing automated troubleshooting scripts that reduced manual intervention by 25%.	Hyderabad, India Sep 2021 - Aug 2023
KPMG Data Analyst Intern <ul style="list-style-type: none">Applied data mining and statistical methods in Python, along with data cleaning techniques, to improve insights extraction from complex datasets by 20%.Leveraged Jupyter Notebooks and Matplotlib for performance analysis in data visualization, enhancing analysis efficiency by 15%.	Hyderabad, India Jun 2020 - Jul 2020

PROJECTS

VetGPT: Custom Veterinary Language Model / <i>Python, Multi-GPU, Web Scrapping, Selenium, NLP</i> <ul style="list-style-type: none">Developed a 100M+ parameter veterinary GPT model, using NLP and AI with Operations Research techniques to optimize clinical processing.Processed 50,000+ articles via Selenium, achieving 80%+ accuracy in real-time responses for veterinary information systems.	<i>Apr 2024</i>
Weekly Management System / <i>JavaScript, HTML5/CSS, Django, PostgreSQL, Data Structures</i> <ul style="list-style-type: none">Developed a Weekly Management System as a master's project, improving task and calendar management efficiency by 30%, enhancing UI responsiveness by 25%, and reducing page load times by 15% using JavaScript.Reduced page load times by 15% using JavaScript and applied performance tuning techniques, ensuring a seamless user experience for efficient information management.	<i>Jan 2024</i>
Automated Fare Management System - Metrolinx / <i>D365, AX2012, ASP.NET, SQL, X++, JSON, C#,</i> <ul style="list-style-type: none">Collaborated on the creation of an E-ticketing solution for Metrolinx, streamlining fare collection using smart card technology. Enhanced regional travel by developing a seamless cross-platform fare system	<i>Jan 2022 - Aug 2023</i>
Threat Object Detection using Deep Learning / <i>Python, TensorFlow, Keras, Google Colab, NLP</i> <ul style="list-style-type: none">Engineered an AI-based deep learning model with NLP for security screening, boosting precision in threat detection and fraud prevention with TensorFlow and Keras.	<i>August 2021</i>

TECHNICAL SKILLS

Languages	: C, C#, Java, Python, HTML/CSS, JavaScript, SQL, XML, JSON
Frameworks	: ASP.NET Core, ASP.NET MVC, React, Angular, Django, RESTful services, REST API's
Cloud Platforms	: AWS, Azure
Databases	: MongoDB, PostgreSQL, MySQL, SQL Server Management Studio, No SQL
Tools	: Azure DevOps, AWS, Visual Studio, Jira, Postman API, Tensor flow, Keras, Google Colab, GitHub, Matplotlib.
Agile Methodologies	: Agile practices, including tools like Jira.
AI & Machine Learning	: TensorFlow, Keras, CNNs, NLP

ACHIEVEMENTS & CERTIFICATIONS

<ul style="list-style-type: none">Achieved certification from Amazon ML Summer School with a focus on model optimization and predictive analytics; enhanced model accuracy by 20% in 5+ practical projects.Data Science Certification: DataCamp, gained expertise in data analysis, machine learning, and data visualization using Python, completing hands-on projects that reinforce practical skills in real-world scenarios.Monthly Star Award – Recognized for consistently exceeding performance expectations.
--