

Summary

Highly skilled Senior Software Engineer with a focus on data science. Excels in developing cutting-edge algorithms and solutions to drive business growth. Proven track record of collaborating with cross-functional teams to achieve project success. Seeking new opportunities to leverage my expertise and drive innovation in a dynamic work environment.

WORK EXPERIENCE

HighRadius Tech (Houston-based \$3.1B fintech leader), Hyderabad Senior Software Engineer, 2024-Current

- Intent and Entity Grouping of an email using Open Source LLM with RAG which actually improves accuracy by 50%
- Extracting Call Actions and Summary from Multilingual Call Transcript using GPT which helped to automate MOM writing and increased Collectors' efficiency.
- Developed Smart Email Composer along with auto validation using GPT which saved Collector's time by almost 40%
- Developed Clients' Ticket Classifications model using NLP and LLM which ultimately helped to reduce average ticket resolution time by 21%.
- Developed Automatic Prompt Generation module for Gen-AI use-cases which did FTE savings by 11%.

HighRadius Tech (Houston-based \$3.1B fintech leader), Bhubaneswar Software Engineer, 2022-2023

- Led a team working on 100+ Fortune 500 CPG Clients Automating their AR Worklists which involves ML Technique, Data Analysis Technique for Deduction Automation Use-cases - Claim to Deduction Matching and Reason Coding of Deduction entities.
- Developed Python Pipeline for automatic generation of data health reports of ML Automation use-cases which did 60% time savings
- Worked on Prompt Engineering for GPT-4 , Llama2 , Mistral large language model for extracting Invoice information from the content of invoice document which improved Header automation rate in Cash-app department by 7% for 200+ clients.
- Designed and developed Trade Promotion Auto-Match system and Item Cross Referencing system by leveraging principles of genetic algorithm and associative learning, achieved 87% coverage.

HighRadius Tech (Houston-based \$3.1B fintech leader), Bhubaneswar Associate Software Engineer, 2021-2022

- Worked on Improving Existing AI Solutions by Incorporating New Features which improved almost on an average 5-7% volume and amount wise accuracy.
- Led a team of 10 members working on multiple Fortune 500 CPG Clients Automating their AR Worklists Incorporating Machine Learning (Regression and Imbalanced Classification) and Reducing Manual Efforts by almost 30% following Agile Methodology.
- Developed Single-Click internal Monitoring Framework to Evaluate AI and Business Implementations Reducing Manual Efforts by 75%.
- Built TPMG(Technic, Practice, Metrics and Gratification) module content for Data Science and Deduction Domain for Smooth and effective training of interns
- Built a Successful Proof of Concept Model to Identify Reason of B2B- Deduction Domain. It has increased the Overall Product Automation from 20% to 75% for 5 Live Clients.

HighRadius Tech (Houston-based \$3.1B fintech leader), Bhubaneswar Data Science Intern, 2020-2021

- Worked on increasing net recovery rate in Deduction Domain of Account Receivable suits of 5+ Live Client Accounts Incorporating Machine Learning .
- Identified the root cause of not having proper automation rate in Product which actually turns out to be almost 40% time savings of one top ARR client.
- Built a Successful Proof of Concept Self-Learning Model to Identify Fuzzy Matching Rules to Match Claim Documents to Deduction Entities. It has Increased the Overall Product Automation by 2X.

Chegg INC (Freelance)

Computer Science subject expert, 2020-2021

- Solved almost 200+ class assignment related doubts of the student

EDUCATION

KIIT Computer Science Engineering , Bhubaneswar, B.Tech in Computer Science	9.57	2017-2021
Ramkrishna Vivekananda Mission Vidyabhavan , Barrackpore, Higher secondary	89%	2015-2017
Ramkrishna Vivekananda Mission Vidyabhavan , Barrackpore, Secondary	91%	2014-2015

STRENGTH

- Python Programming
- Machine Learning
- Deep Learning
- NLP
- Prompt Engineering
- AWS Sagemaker
- Azure Data Studio
- SQL
- Data Analysis
- Text Based Generative AI
- Langchain
- Excel

AWARDS

- Employee of the Year - HighRadius Tech - 2022