

## Summary

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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

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**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

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<b>KIIT Computer Science Engineering</b> , Bhubaneswar, B.Tech in Computer Science	9.52	2017-2021
<b>Ramkrishna Vivekananda Mission Vidyabhavan</b> , Barrackpore, Higher secondary	89%	2015-2017
<b>Ramkrishna Vivekananda Mission Vidyabhavan</b> , Barrackpore, Secondary	91%	2014-2015

## STRENGTH

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

## AWARDS

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- Employee of the Year - HighRadius Tech - 2022