**Skills** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
• Python | JavaScript | Java | TypeScript | MSSQL | React | NoSQL | Git | HTML | CSS | RESTAPI | Django | OOP | PostgreSQL

* NumPy | Pandas | Matplotlib | Seaborn | TensorFlow | Git | POSTMAN | RARS | Frontend | Backend | Full-Stack

**Experience** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Graduate Assistant** |  | **University of Connecticut** |  | **01/2023 - Current** |

• Handled weekly lab sessions and provided guidance to nearly 50+ students.

• Held regular office hours for Student support, Questions and offered students constructive feedback.

• Graded assignments, mid-term exams, and final exams for a class of 120 students.

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| **Software Engineering(Intern)** |  | **ZeroZilla Pvt. Ltd.** | *Bengaluru, IN* | **03/2021 - 04/2021** |

• Exhibited expertise in API testing using POSTMAN managing customer databases through seamless CRUD operations ensuring robust

functionality.  
• Led the development of a linear regression-based house price model, boosting accuracy by 15%. Spearheaded data analysis, reducing

    processing time by 33% through Python scripts and enhanced data strategies.

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| **Software Developer(Intern)** |  | **Legal Ease [Start-Up]** | *Delhi, IN* | **05/2020 - 07/2020** |

• *Reported directly to Director:* Collaborated with a team to craft and deploy a sleek official website, showcasing proficiency in full stack

development.

• Executed automated scraping, resulting in a 75% reduction in the manual creation of client timesheet backups.

**Education** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Master of Science** |  | **University of Connecticut** | *Storrs, CT, USA* | **Expected 12/2024** |

• Major in Computer Science and Engineering

• **Relevant Coursework:** Big Data Analytics, Data Mining, Machine Learning, Algorithms, Computer Networking, Modern Cryptography.

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| **Bachelor of Engineering** |  | **Visvesvaraya Technological University** | *Bengaluru, IN* | **2017 - 2021** |

• Major in Computer Science and Engineering

• **Relevant Coursework:** Data Structure and Application, Design and Analysis of Algorithm, Database Management, Advance Java & J2EE.

**Projects**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
• **BITCOIN-ORACLE:** Achieved an 87% accuracy rate in Bitcoin price forecasting by leveraging Deep Learning and LSTM neural networks by Analyzing five years of historical data and preprocessing extensive historical Bitcoin price data enabling informed decisions in the volatile crypto market.

• **CHATMATE:** Expertly developed an advanced conversational chatbot, boasting a remarkable 90% user satisfaction rate, accomplished by harnessing Python's Natural Language Toolkit (NLTK) library. This achievement highlights the fusion of technical expertise with a dedication to crafting exceptional user experiences.

• **PREDITIFY:** Attained an 81% accuracy rate in loan approval decisions as measured by comparative analysis, by assessing various Machine Learning (ML) techniques. Utilized skills encompass data analysis, machine learning, and predictive modeling.

• **COVID FINDER:** Created a rapid COVID-19 detector achieving an accuracy of 93%, while validating with over 10,000 test samples and simultaneously implementing a real-time global COVID-19 virus statistics visualization, showcasing active cases, deaths, and recoveries on a world map.

• **SWIFTSERVE FINANCE:** Fabricated a software for paperless account opening and transaction tracking as calculated by a 40% reduction in paperwork and a 30% increase in transaction efficiency, by centralizing account management using National ID/Unique ID.

• **INSTA CARD**: Designed a streamlined website for applying credit/debit cards and bank loans as quantified by a 50% reduction in application processing time by optimizing the application process.

**Achievements** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
• Attained 1st position in Computer Science department, securing selection for VTU Financial Assistance for Innovative Project, recognized

for consistent excellence in competition theme.• Participated in the creation of a standout mini-game at the HaXploit 24-Hour Hackathon, receiving recognition from the board members.

• Led project team to success and authored a captivating paper for CiiT International Journal of Digital Image Processing, blending

leadership and scholarly excellence.

**Extra-Curricular** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

• **Committee Member, CIPHER**                 April 2019 • **Club Member, Python Club** January 2018