

CHAITANYA N.V.K

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Education

Georgia State University - Full Scholarship along with GTA

Aug. 2021 – Expected Dec. 2022

Masters of Science in Computer Science

Atlanta, Georgia

Vignan University - Merit scholarship

Aug. 2014 – Aug 2018

Bachelor of Technology in Computer Science; GPA: 3.65/4

Guntur, AP, India

Relevant Coursework

- Data Structures
- Machine Learning
- Algorithms Analysis
- Database Management

Experience

Georgia State University

Aug 2021 – Now

Teaching Assistant

Atlanta, GA

- Mentoring 50+ students in Machine Learning, and linear algebra.
- Assisted in the development of course material along with delivering lectures.

Darwinbox

Jun 2018 – Mar 2021

Senior Software Engineer

Hyderabad, AP

- **Workflows:** Architected and led a **Micro-service** using **Node JS** reducing average throughput time from 6 to 1 minute.
- **Payslip customization:** Developed a framework enabling to handle requirements and attracting multiple clients with more than 1 million employees to the payroll platform.
- **Reports:** Implemented a framework using **PHP**, generating reports on demand enabling us to present the data of 200k employees on a single request.
- **Mongo DB:** Explored and Cultivated Various optimization techniques, attracting volunteers to team up resulting in a cut of 800K\$ mongo bill.
- **Payroll:** Collaborated in analysis and resolution of many business problems creating a hassle-free pipeline reducing manual work from 40 to 12 man-hours.
- **Taxation:** Partnered in establishing a foundation to handle multiple tax systems, enabling us to handle multiple tax amendments, giving an edge over the competitors, making the product be subscribed by 50 new clients.
- **Recruitment:** Constructed pipeline automating the process reducing the cost to hire by 60%.

Dec 2017 – Apr 2018

Intern

Hyderabad, AP

- **Chatbot:** Utilized **Wit**(Facebook's tool for intent recognition) to automate tasks subscribed by over 1 million customers.
- **OCR:** An integration into the reimbursement module, to auto-populate the details from the bill reducing the processing time by 90%.

Projects

Gumo | *Node JS, Mongo DB, NPM package*

April 2021

- * A web-crawler and scraper to extract data from a family of nested dynamic web pages, with added enhancements to assist knowledge mining applications.

NFL Health & Safety - Helmet segmentation and labeling | *Python, Pandas, NumPy, Detectron*

Current

Technical Skills

Languages: Python, C, HTML/CSS, JavaScript, React, SQL, NoSql

Developer Tools: VS Code

Technologies/Frameworks: Linux, Docker, Git, Micro-services, Node JS, Pandas, Numpy, API's, Flask, Jira, Agile

Volunteer

- * Donor and regular volunteer for Food4Lives