PRASHANTH ANNAM

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EDUCATION

Master of Science (M.S.) in Computer Science | GPA: 4.05 / 4.0   **August 2021 - Present**
Georgia State University | Atlanta, Georgia, **USA**
- **Relevant Courses:** Advanced Software Engineering, Machine Learning, Big Data Programming, Deep Learning, Mobile Development

Bachelor of Technology (B.Tech.) in Computer Science | GPA: 9.09 / 10.0   **August 2016 - September 2020**
Gokaraju Rangaraju Institute of Engineering & Technology (JNTUH) | Hyderabad, Telangana, **India**
- **Relevant Courses:** Artificial Intelligence and Neural Networks, Big Data Analytics, Information Retrieval System, Computer Networks, Information Security, Human-Computer Interaction, Cloud Computing, Software Project Management

EXPERIENCE

ADP | Alpharetta, Georgia, **USA**
Application Developer Intern   **May 2022 - August 2022**
- Designed and developed an extensible tool in **Python** for generating visualization reports on JVM Garbage Collector logs
- Built a process that extracts the GC log files from remote servers and uploads the generated reports to an **S3 bucket**
- Reduced **2 hours** of the team's manual effort to **2 minutes** and integrated the tool with the **Concourse** CI/CD pipeline
- Tech Stack: **Python, HTML,CSS, AWS S3, Concourse**

Tilace Technology | Chennai**, India**
Software Engineer   **September 2020 - July 2021**
- Worked on designing and developing several modules in a **Customer Relationship Management** application
- Responsible for writing **APIs** that read from complex database schemas to integrate different modules in the application
- Worked with **Google Cloud Platform** to integrate functionalities like Google Analytics, GoogleMaps, and Geocoding
- Participate in weekly meetings with clients to analyze the requirements and delivery estimations
- Tech Stack: **Node.js, React.js, Golang, SQL, Flutter,**

Open Text | Banglore**, India**
Software Engineer Intern   **August 2019 - December 2019**
- Worked on automating various test cases and created UI tests for a content management system
- Made significant enhancements to the automation framework to improve testability by over **30%**
- Participate and contribute to daily scrum meetings with developers and managers to discuss ideas, update and resolve issues

TECHNICAL SKILLS

Programming & DB: **Javascript**, Typescript, **Python**, Dart, Golang, **Java**, C/C++, **MySQL**, Firestore, SQLite
Front/Backend Dev: **React.js**, **Vue.js**, **Node.js**, **HTML**, **CSS**, Bootstrap, **Flutter**, Django, Express.js, Gin
Tools: **Git**, **AWS**, GCP, **Linux**, Docker, **Bitbucket**

PROJECTS

Social Media Application | Technologies Used: Vue.js, Vuetify, Firebase, Heroku   **Fall 2020**
Designed, developed, and deployed a scalable social media web application using Vue.js to learn and demonstrate system design. Also, added complex features like email authentication, posting & sharing content, chatting, liking & commenting on posts

Chatting Mobile App | Technologies Used: Flutter, Firebase, Xcode, Android Studio   **Summer 2020**
Developed an end-to-end mobile chat application, which facilitates real-time chatting with read receipts and push notifications. Used Firebase stream to fetch the data from the database and show it to the users in real-time

Detecting Helmet Violators in Traffic | Technologies Used: YOLO, OCR, TensorFlow, Django   **Fall 2019**
Developed a web application that detects riders without a helmet from traffic footage and extracts their license plate number. Generated a dataset of Indian traffic consisting of 1500 images, trained a **CNN** model using **YOLO**, and achieved **85%** accuracy. Developed an Optical Character recognition module that takes the bike image and scans the number plate to convert it into text

OTHER EXPERIENCES & REWARDS

- Awarded 100% tuition waiver during Master's based on merit and previous experience   **Fall 2021 - Fall 2022**
- Worked as Teaching Assistant for CSC 4350: **Software Engineering**   **Fall 2021 - Spring 2022**
- Led a team to organize a coding contest attended by 200 people at college held by '**Computer Society of India**'   **Fall 2018**

CERTIFICATIONS

- "**Flutter & Dart - The Complete Guide [2020 Edition]**" by Udemy   **09/2020**
- "**Python**" from Indian Institute of Technology, Bombay   **02/2019**
- "**Database Design**" and "**Database Programming**" from Oracle   **03/2018**