PRASHANTH ANNAM

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EDUCATION

Master of Science (M.S.) in Computer Science   August 2021 - present
Georgia State University (GSU) | Atlanta, Georgia, **USA**
- **Relevant Courses:** Advanced Software Engineering, Machine Learning, Mobile Application Development, Fundamentals of Data Science

Bachelor of Technology (B.Tech.) in Computer Science | GPA: 9.09 / 10.0   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

EXPERIENCE

Tilace Technology | Chennai, Tamil Nadu, **India**
Software Engineer   October 2020 - June 2021
- Designed and developed 60+ scalable and reusable Rest API services for CRM, CAM, CMS, ECommerce features
- Developed E-commerce, CAM, CMS web applications and added multiple critical features like authentication and billing
- Designed UI/UX and built mobile applications for various services, which increased the **user base up to 40%**
- Designed and developed a complex admin portal for dynamically configuring and managing applications
- Worked with GCP and firebase to integrate crucial functionalities like Google Analytics, GoogleMaps, and Push Notifications

Open Text | Bangalore, Karnataka, **India**
Software Engineer Intern   August 2019 - December 2019
- Worked on automating several test cases and created UI-tests for a content management system
- Made some significant enhancements for the automation framework to improve testability by over 30%
- Improved code quality by integrating single responsibility and separation of concern to the existing codebase

TECHNICAL SKILLS

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

PROJECTS

NeoBook | Self Project | Technologies Used: Vue.js, Vuetify, Firebase, Heroku   Fall 2020
- Designed, developed, and deployed a scalable social media web application to learn and demonstrate system design
- Added features like email authentication, post and share content, chat with others, comment & like posts

NeoChat | Self Project | **Technologies Used:** Flutter, Firebase, Xcode, Android Studio   Summer 2020
- Developed an end-to-end mobile chat application, where users can make real-time chatting
- Integrated with real-time updates, read receipts and push notifications

Detecting Helmet Violators in Traffic | Academic Project | **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 format

Sign Language Translator | Academic Project | **Technologies Used:** HTML, Bootstrap, Keras, TensorFlow.js   Fall 2018
- Built a web application to recognize and display American Sign Language Gestures through live camera input
- Trained a model using Keras to recognize gestures and integrated it into a web application

ACHIEVEMENTS

- Won 5th position among 80 in the 'Smart City Hackathon' held by State Government   Summer 2017
  - Developed a prototype of 'Accident mapper,' an app to share the accident details instantly to the hospitals nearby
- Lead a team and organized 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 IIT Bombay   02/2019
- "Database Design" from Oracle.   03/2018
- "Database Programming" from Oracle.   03/2018