

HEMANTH GOPAL

5102 Circle Pl, Halethorpe, MD, 21227

(858)-588-2722; hemanth2396@gmail.com

<https://www.linkedin.com/in/hemanth-gopal-rao>

EDUCATION:

M.S. in Computer Science, University of Maryland Baltimore County, GPA:4.0

Expected: May 2023

B.E. in Information Science and Engineering, Visvesvaraya Technological University (VTU) Graduated July 2018

Honors: First Class with Distinction, GPA:3.4

SKILLS:

- **Programming Languages:** Go, Java, C/C++, JavaScript, NodeJS, HTML, CSS, XML, Python
- **Tools:** LUIS.ai, Microsoft Bot Framework
- **Server Platform:** Microsoft Azure, AWS
- **Database:** SQL, MongoDB
- **Operating Systems:** Windows, Linux, Fedora, macOS, Android, iOS

PROJECTS:

Secure Event Management System for Swift Response, Semester Project (Team Size: 4) February–May 2018

- Developed an automated system that allows administrators in handling the events, generating a report, and verifying the authenticity of participants based on it.
- Designed and developed Login Page, Event Registration, and ticket generation page using the technologies XML, CSS, and PHP. Conducted research on optimal algorithms.
- Demonstrated the understanding of full SDLC in project presentation.

To-Do List Application, Uttara Infosolutions Pvt. Ltd., Independent Project June 2017

- Developed the application using Core Java as a programming language with Singleton Design Pattern and MVC Design Pattern. A console-based application designed to help in the creation and manipulation of tasks with some additional features like reordering, subtasks, and prioritization to segregate the list based on priority and category.
- Achieved the objective of applying object-oriented programming principles effectively and grew as a computing professional by utilizing my knowledge and skills in computer science.

PROFESSIONAL EXPERIENCE:

Graduate Teaching Assistant, University of Maryland Baltimore County, Baltimore September 2021–Present

- Provided grading and teaching assistance for graduate level courses.
- Graded and prepared answers for the homework, in-class assignments, and projects for the subject.

Software Developer, Jio Platforms Limited, India October 2018 – July 2021

- Developed and integrated an authentication package for the ‘Speech Orchestration Engine’ that verified the user data to reduce the load from SSO token verification requests. Increased the efficiency of the server by more than 50%.
- Worked on the Voice Assistant Application used across all Jio Devices as a back-end Golang Developer.
- Presented technical documentation for the SOE product and refactored necessary backend components for STT and AI services in SOE using Golang.
- Designed, developed, and deployed knowledge bot and calculator bot as a skill on the AZURE platform.
- Training intents and entities for the chat-bots through LUIS.ai. Parsing API calls and integrating to build Chatbots using Microsoft Bot Framework through NodeJS.

Marketing Analyst (Intern), Qurius (formerly The Indian Economist), India July 2017–August 2017

- Planned, organized, and prepared a consulting thesis on the necessity of digital marketing.
- Coordinated and involved in peer-to-peer marketing of their Android application.

EXTRACURRICULAR ACTIVITIES:

- Tutored English and organized cultural festivals for children of government schools at ‘Youth for Seva’ voluntary organization between November 2018- December 2019.
- Arranged and organized registrations and examinations in Technical Quiz for the Technical Fest, as a part of CAT team, in Sapthagiri College of Engineering in Bengaluru in April 2018.
- Hosted events like Tech-talk and Teacher’s Day celebration, at Sapthagiri College of Engineering in April 2018.