

# HARSHITH HARIJEEVAN

7142721657 | harshalva.titan@csu.fullerton.edu | 201 E Chapman Ave, 21B, Placentia, California

## Education

### Masters in Computer Science

California State University Fullerton | Fullerton, CA - 92831

Aug 2022 - May 2024

### Bachelors in Information Science

B.N.M Institute of Technology | Bengaluru, Karnataka - 560070

Aug 2015 - Jun 2019

## Experience

### Associate Software Engineer | Aug 2019 - Jul 2022 | Danske IT and Support Services | Bengaluru, Karnataka

- Fulfilled hands-on training to create 2 projects on COBOL and PL/I, which comprise legacy systems.
- Part of Danica Pension Injury and Customer Agile Teams to deliver scalable products using Jira.
- Facilitated setting up of 3 new workflows by developing interface modules and corresponding table updates.
- Automated 60% of workflows using Python and VBA scripts to help dispatch bugs and provide reports. Support redundancy elimination and improved productivity by saving about 2 hours daily.
- Implemented front-end as part of a pilot project. Switched from 40% of legacy systems that used Gemini and COBOL, to decentralized ones like React and cloud servers for better product features.
- Enhance full-stack developer skills by utilizing C# to construct API Interfaces.
- Administered the dispatching team, and contributed to the analysis and creation of reports.
- Disburdened other developers by resolving 75% of conflicts daily in the form of incidents.
- Direct communication with Danish stakeholders and business analysts to elucidate 90% of task needs.
- Tutored 3 newly hired employees and provided guidance on daily tasks and an approach to analysis.

### Research Associate | Jun 2018 - Aug 2018 | Xcelerator | Bengaluru, Karnataka

- Procure, expand, and dispense engaging content for students to get real-world context.
- Generate 1 pager notes, which strengthened knowledge of the domain.
- Notes cut down time to gather and assemble essential data for 80% of students.

## Projects

### ONLY-RED STEGANOGRAPHY USING EXTENDED LSB TECHNIQUE (Final Year Project) -

- Send secret messages by exploiting Red component out of 4 bits from each pixel inside Stego image, embedded with Hash file (message and secret key) for decryption.
- Data Integrity and Confidentiality are perpetuated using SHA1 Algorithm.

### UTIL2GO MOBILE APP -

- Speech-to-Text, Image-to-Text, Accelerometer, and QR Scanner form 4 utilities in Mobile application.
- Firebase is exercised for database and authentication.

### WORDLE APP USING QUART FRAMEWORK -

- Design 5 API endpoints for users and games via Python, Foreman, Quart framework, and SQLite3.
- Handle 2 micro-services with separate RDBMS, and nginx web servers to authenticate 5 endpoints.

## Skills and Certifications

- **Front End:** HTML, CSS, ReactJS, Angular, Node.js, Gemini.
- **Back End:** JavaScript, C, C++, C#, VBA, COBOL, Java, PL/I, Kotlin.
- **Artificial Intelligence:** Python, TensorFlow, Machine Learning, NoSQL.
- **Agile Certifications:** 2020 Web Development Bootcamp (Udemy), JavaScript Essential Training (LinkedIn), Deep Learning Specialization (Coursera).

## Awards and Recognition

- Awarded Best Project post 4th year Bachelors. Guided by a Computer Systems Scientist at LEOS-ISRO.
- National Seminar for Research Scholars 2019 - Selected for Paper Presentation on Geomagnetic Data Reconstruction Processing using Machine Learning.
- Screened by Betsol to participate in a 3-day workshop to acquire practical expertise and develop technical knowledge on Web technologies such as Angular, Git, Heroku, MySQL, Postman, etc
- Part-time as a Tech Service Associate and got promoted to Tech Lead at Titan Shops.

