

HARSHITH HARIJEEVAN

+1(714) 272-1657 | harshalva.titan@csu.fullerton.edu | [linkedin.com/in/harshith-harijeevan-ba796616b](https://www.linkedin.com/in/harshith-harijeevan-ba796616b)
github.com/HarshithAlva6 | harshalva.netlify.app

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

- Test-driven implementation of front-end as part of a pilot project in a fast-paced team environment. Switched from 40% of legacy systems that used **Gemini** and **COBOL**, to decentralized ones like **ReactJS** and cloud servers for better product features such as cross-browser compatibility.
- Fulfilled hands-on training to create 2 products on **COBOL** and **PL/I**, which comprise legacy systems.
- Collaborated with **Agile** cross-functional teams under Danica Pension to deliver scalable projects using **Jira**.
- Setting up of 3 new workflows by developing **interface** modules and corresponding **database** updates.
- **Automated** 60% of **analysis** tasks using **Python** and **VBA** scripts which also helped dispatch **reports**. Support redundancy elimination and improved productivity by saving about 2 hours daily.
- Enhance full-stack developer skills by utilizing **C#** for server-side logic to construct **REST API** Interfaces.
- Administered the dispatching team, and contributed to the creation of **dashboards** using **ServiceNow**.
- Disburdened other developers by resolving 75% of conflicts and bugs 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 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 the Mobile application.
- **Firestore** 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.

OTHER SKILLS AND CERTIFICATIONS

- **Front End:** HTML5, CSS3, JavaScript, TypeScript, OpenGL, Kotlin, PHP
- **Back End:** C, C++, C#, VBA, COBOL, Java, PL/I, Python
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Framework/Libraries:** ReactJS, Node.js, Bootstrap, Django, .NET, TensorFlow
- **Major Certifications:** Web Development Bootcamp (Udemy), 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 new software and technologies such as **Angular**, **Git**, **Heroku**, **Postman**, etc
- Part-time as a Tech Service Associate and got promoted to Tech Lead at Titan Shops - CSUF.

