

# HARSHITH HARIJEEVAN

+1(714) 272-1657 | [harshalva.titan@csu.fullerton.edu](mailto:harshalva.titan@csu.fullerton.edu) | [linkedin.com/in/harshith-harijeevan-ba796616b](https://www.linkedin.com/in/harshith-harijeevan-ba796616b)  
[github.com/HarshithAlva6](https://github.com/HarshithAlva6) | [harshalva.netlify.app](https://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 | Danske IT | Aug 2019 - Jul 2022

#### *Legacy Systems Modernization and Full Stack Development - UI/UX Improvement*

- Converted 40% of COBOL systems to **React**, **.NET**, and **Azure**, cutting costs by 70% and doubling uptime
- Developed 24 new backend workflows with **Java Spring** API Services and **IBM DB2** database updates, boosting transaction capacity by 15,000 per second and improving process efficiency by 50%.
- Construct 3 C# **REST** APIs, interfaces using JS Frameworks which enhanced user satisfaction ratings by 75%

#### *Automation, Reporting, and Issue Resolution*

- Enhanced efficiency by **automating** 60% of analysis and batch tasks with **Python**, **Selenium**, **VBA** scripts
- Lead the dispatching team to create comprehensive Reports and Dashboards utilising **ServiceNow** data
- Mitigated developer workload by resolving 70% of daily conflicts and bugs in the form of incidents

#### *Scalable Project Management, Delivery and Agile Team Collaboration*

- Elucidate 90% of user requirements by direct communication with Danish stakeholders and business analysts
- Collaborate with cross-functional teams to select **CI/CD** practices, design patterns, life cycle, etc. using **Jira**

## PROJECTS

### **CLOUD-BASED MEDIA CONSUMPTION APP USING MICROSERVICES AND BLOCKCHAIN**

- **Next.js** frontend for an image-sharing platform with **Spring Boot** microservices hosted on **AWS**, and **S3** for image storage. Use **Blockchain** for authentication and **Tensorflow.js** to provide content moderation.

### **ONLY-RED STEGANOGRAPHY USING EXTENDED LSB TECHNIQUE**

- Send secret messages inside Stego image, embedded with a Hash file (message, secret key) for decryption

### **UTIL2GO MOBILE APP**

- Speech-to-Text, Image-to-Text, Accelerometer form 3 utilities in the Mobile app, having **Firebase** for data

### **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

## TECHNICAL SKILLS AND CERTIFICATIONS

- **Languages:** JavaScript, TypeScript, Java, PHP, HTML5, CSS3, COBOL, PL/I, C, C++, Kotlin
- **Databases:** MySQL, MongoDB, GraphQL, Excel, Power BI
- **Services/Tools:** VSCode IDE, WordPress, AWS Tools (EC2, S3, DynamoDB, API Gateway, etc)
- **Framework/Libraries:** React Native, Node.js, Spring, Bootstrap, Django, .NET, TensorFlow
- **Major Certifications:** Web Development Bootcamp (Udemy), Deep Learning Specialization (Coursera)

## AWARDS AND RECOGNITION

- Awarded Best Project (Bachelors) also being 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 for a 3-day workshop on **Eclipse IDE**, **Angular**, **Git**, **Heroku**, **Postman**, etc
- Part-time as a Tech Service Associate and got promoted to Tech Lead at Titan Shops - CSUF