

HARSHITH HARIJEEVAN

201 E Chapman Ave, Placentia, California - 92870

+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

Aug 2022 - May 2024

California State University Fullerton | Fullerton, CA - 92831

Bachelors in Information Science

Aug 2015 - Jun 2019

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

EXPERIENCE

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

- **Modernisation** of 40% of legacy systems in COBOL to **ReactJS**, **.NET**, and Azure decentralised platforms
- Delivered 24 new workflows by developing Java Spring **API** Services and DB2 data structure updates
- Ensured scalable project delivery by collaborating with **Agile** cross-functional teams in Pension using **Jira**
- Enhanced efficiency by **automating** 60% of analysis and batch tasks with **Python**, **Selenium**, **VBA** scripts
- Guided the dispatching team to create comprehensive Reports and Dashboards utilising **ServiceNow** data
- Enhanced **Full Stack** developer skills to construct 3 REST APIs with **C#**, and interfaces using JS Frameworks
- Mitigated developer workload by resolving 70% of daily conflicts and bugs in the form of incidents
- Elucidate 90% of task requirements by direct communication with Danish stakeholders and business analysts
- Guided 3 new employees, which improved task efficiency in daily operations and analysis approaches

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

- Procure, condense, and dispense engaging content and strengthen domain knowledge for students
- **Documentation** of 1-pager notes helped gather and assemble essential data for 80% of students

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 (Final Year Project) -

- 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 **Firestore** 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, HTML5, CSS3, COBOL, PL/I, C, C++, OpenGL, Kotlin
- **Databases:** MySQL, MongoDB, PostgreSQL, Excel, Power BI
- **Services/Tools:** VSCode IDE, AWS Tools (EC2, S3, DynamoDB, API Gateway, etc)
- **Framework/Libraries:** ReactJS, Node.js, Spring, 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 **Eclipse IDE**, **Angular**, **Git**, **Heroku**, **Postman**, etc
- Part-time as a Tech Service Associate and got promoted to Tech Lead at Titan Shops - CSUF