

# Surya Rao Karri

Core Banking | Full Stack Dev & Devops | [Linkedin](#) | [karri.suryarao5@gmail.com](mailto:karri.suryarao5@gmail.com) | 0642574852 | Bangkok, TH.

Portfolio Website: <https://suryaraokarri.github.io/>

## EXPERIENCE

---

### Yip In Tsoi & Co. Limited.

Aug 2019 – Present

Senior Banking Application Developer

Bangkok, Thailand

- Banking Application Support for Islamic Bank of Thailand, and Bank for Agriculture and Agricultural.
- Integrated in-memory Cache with legacy frameworks and increased network throughput by average 20x.
- Build Web API's, UI, Batches Processing, bank cashier apps | ReactJS, Nodejs, Spring Boot applications.
- Work on Docker, Openshift, Jenkins for CI/CD pipeline and deployment.
- MUMPS, PSL, GTM, Batch processing, Go | Report Server, Web services for transactions, loan and deposit.

### LEET Intelligence Co., Ltd.

Oct 2019 – Dec 2022

SD Team Lead - Consultancy

Pathum Thani, Thailand

- Developed apps for Web, Android, and IOS | GIS applications with LULC, Loss/Gain, and other classes.
- Responsible for code base maintenance, and deployment pipeline.
- End-to-end project development, and restructured API's which increased performance by 80% .
- Technologies: NestJS, AWS, GEE API, React Native.

### Baan Banchi Co., Ltd.

Aug 2018 – Aug 2019

Software Developer Engineer

Bangkok, Thailand

- Build Website and Accounting WPF app using .NET.

## FREELANCE

---

### DOPA Thailand | Smart Device Registration Application

Sep 2021 – Dec 2021

- Developed an android application for Biometrics Enrollment Device to register users.
- Capture fingerprint in wsq format from sensors, smart ID card details from NFC sensor using APDU Command and Capture user photo, print the form.
- Windows Application UI using ElectronJS and Nodejs to build API.

## EDUCATION

---

### Asian Institute of Technology

Jan 2017 - Aug 2018

Master of Engineering; Major in Computer Science

Pathum Thani, Thailand

- Research in developing Computer Security models to detect data breaches using Prolog language.

## SKILLS

---

**Programming:** C#, Java, JavaScript, Python.

**Frameworks:** Node.JS, Nest.JS, Spring Boot, and .Net Core | React.JS, React Native | Redis

**DBMS:** SQL, NoSQL, Postgres, SQL Server, MYSQL, MongoDB, Mongoose

**Communication Frameworks:** RESTful, GraphQL

**Queueing system:** Apache Kafka, RabbitMQ

**Data Processing:** Apache Spark, Prometheus, Grafana

**Cloud:** AWS Lambda, EC2, S3, RDS, CloudFront, VPC, GCP

**Devops:** Git, Github, GitLab, Openshift, Jenkins, Linux, Docker, Kubernetes

**Testing:** SonarQube, Jest, Selenium.

**Fintech Domain knowledge:** Deposit, Loan, Financial Reporting and Interest, Top-up, PD Teller, FIS Profile.