

Udaya Prakash N

linkedin.com/in/udaya2899
udayaprakash2899@gmail.com | +91 96771 40787

EDUCATION

SSN COLLEGE OF ENGINEERING

B.TECH INFORMATION TECHNOLOGY

Aug 2016-Sept 2020 | Kalavakkam, TN
CGPA: 7.52/10

PRINCE MATRICULATION

NANGANALLUR, CHENNAI

HSC 95% | May 2016

SSLC 97.8% | April 2014

LINKS

Github:// [udaya2899](#)

LinkedIn:// [udaya2899](#)

Blog:// [blog.udaya.me](#)

StackOverflow:// [udaya-prakash](#)

Twitter:// [@udaya2899](#)

SKILLS

Programming Languages

Golang • Javascript • Python

Web Development

REST API • gin • git • gRPC

React • Redux • HTML • CSS

Infrastructure

Docker • Apache Kafka • AWS Lambda

AWS SQS • AWS Eventbridge • Debezium

Database

SQL - SQL Server • MySQL

NoSQL - MongoDB

PROJECTS

SMART REAL-TIME TRAFFIC OPTIMISATION SYSTEM

Dec 2017 – April 2018 | ICAIECES 2019

A computer vision-based project which utilizes Google Maps Traffic data to optimize a traffic signal at a junction.

INTELLIGENT DRIVING SYSTEM

Aug 2018 - Dec 2018 | ICSIE 2019

An android application that focuses on driver safety to prevent the driver from sleeping using Computer-Vision

PUBLIC SPEAKING

GUEST SPEAKER | AUG 2020

National Youth Council of India

Addressed 80+ audience on 'Backend Development with Golang'

EXPERIENCE

LYNK LOGISTICS

SOFTWARE ENGINEER

July 2020 - Present | Chennai, TN

- Currently spearheading the automation of git housekeeping for our internal projects that improves developer experience by more than 50% and fastens deployment process by using existing CI/CD with gitlab-ci.
- Implemented 5+ Backend Modules including critical CRUD APIs for a new product, Distribution as a Service which is currently used internally and by Enterprise Clients like Marico, P&G, by developing REST APIs in Golang.
- Improved the existing Receivables module with product requirements that recovered 80% of the outstanding financial receivables from drivers by identifying critical areas for improvement and optimisation in legacy system.

SOFTWARE ENGINEERING INTERN

Dec 2019 – June 2020 | Chennai, TN

- Increased performance of Incentive and Attendance Calculation Engine by decreasing processing time by 95% from 60+ minutes to <3 minutes, by migrating the legacy engine from C#, .NET, Stored Procedures to modern scalable microservices architecture using Golang, Kafka, AWS SQS, AWS Lambda, MongoDB.
- Developed frontend for a new product (LTL Parcel Service) which was integrated into the app that has more than a million downloads, by using React.js, Redux and integrated REST APIs.

UPWORK | FREELANCER

July 2020 – Present | Remote

- Programmed a gRPC microservice backend in Golang for a mobile app, by implementing logging, authentication, session tokens, authorization in the middleware in addition to validations, unit testing and integration testing with a custom command line application.

AGRYA CONSULTING | SOFTWARE ENGINEERING INTERN

May 2018 – July 2018 | Chennai, TN

- Developed a Deep Learning model with > 90% accuracy to extract information from scanned invoices using OCR and NLP by implementing Transfer Learning from ELMo
- Deployed the Deep Learning Model in Heroku as a REST Flask API, which was integrated into the core product of the company thereby automating 40% of manual work.

AWARDS

2018	1 st /70	Team Leader, JIT National Level Hackathon 1.0
2018	3 rd /50	Team Leader, SRM Texus Hackathon
2018	Winner	Special Jury Prize, botminds.ai
2019	2 nd /110	Team Leader, RIT Saachack National Level Hackathon

PUBLICATIONS

- [1] U. M. V. G. S. K. Ramanarayanan S, Udaya Prakash. Smart real-time traffic optimization system. *IJRTE*, 2019.
- [2] S. R. V. V. S. Prem, N. Udaya Prakash and M. Thenmozhi. Intelligent driving system. *JARDCS*, 2019.