

Arun K Bharathan

SOFTWARE ENGINEER

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Education

M.Tech. in Communication Engineering

NSS COLLEGE OF ENGINEERING (UNIVERSITY OF CALICUT)

Palakkad, Kerala, India

5. 2011 - 5.2013

B.Tech. in Electronics and Communication Engineering

MES COLLEGE OF ENGINEERING (UNIVERSITY OF CALICUT)

Kuttippuram, Kerala, India

5. 2006 - 5.2010

Skills

Programming	Golang, Python, Node.JS, Javascript, Bash, C/C++
Framework	Django Python, Flask Python, Kivy Python, Express Node.JS
Databases	MariaDB, MySQL, Redis, Cassandra
Worked With	Docker, Kubernetes, Git, Nginx, Traefik, Prometheus, IOT
Languages	Malayalam, English, Tamil, Hindi

Experience

Cloudineering

SENIOR SOFTWARE ENGINEER

Chennai, India

01. 2019 - Ongoing

- Implemented a military cooperation system which is web based real time messenger in Scala on Lift.
- Improved functionality on military command and control system for incident response with Java Servlet.
- Lead engineer on agent-less backtracking system that can discover client device's fingerprint(including public and private IP) independently of the Proxy, VPN and NAT.

Smartron

SOFTWARE ENGINEER

Chennai, India

10. 2016 - 12. 2018

- Developed in Cocos2d-x an action puzzle game(Dragon Buster) targeting U.S. market. Implemented API server which is communicating with game client and In-App Store, along with two other team members who wrote the game logic, designed game graphics.
- Won the 2nd prize in final evaluation.

Inntot Technologies

SOFTWARE ENGINEER

Chennai, India

8. 2015 - 8. 2016

- Researched means of retrieving a corresponding video based on image contents using image similarity algorithm.
- Implemented prototype that users can obtain torrent magnet links of corresponding video relevant to an image on web site.