

# RAGHUL PRASANTH K

## SOFTWARE DEVELOPER

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## EDUCATION

### Kongu Engineering College

B.E. in Mechatronics Engineering  
CGPA 9.41/10  
Nov 2020 - May 2024  
Perundurai, India.

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## PROFESSIONAL EXPERIENCE

### FOURKITES

#### Software Developer Intern

Jun 2023 - Nov 2023

Chennai, India

- Developed Facial Recognition Authentication for secure and efficient login via mobile application.
- Developed and implemented crucial features for ease and efficient usage of the user environment, improving the orientation and design of the front end of the application.
- Performed Robust Android Testing for ease and secure usage of the Mobile application.
- Performed Frontend and Backend Automation on the Web application as well.
- Optimized Database query for Partitioning of Tables for secure and faster data operations.
- Collaborated with the team on multiple successful projects.

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## PROJECTS

- **Smart Surveillance using ML and Image Processing**
  - Efficient and Advanced approach to surveillance and threat prevention using Google Mediapipe.
  - Using Cloud to send data and alerts for immediate action
- **Real-time chat application with modern features using Web Sockets**
  - Used React and Redux as Frontend framework for efficient rendering.
  - MongoDB for storing chats and easily accessing them owing to their structure.
  - Web Sockets for establishing connections between users and in groups.
- **Amazon Clone**
  - Created a complete Clone of Amazon with all the similar functionalities.

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## SKILLS

- **Program Management** - SDLC (Software Development Life Cycle), JIRA
- **Frameworks** - Spring, React, Express, Ruby on Rails, Flask, TensorFlow, Keras, Flutter, NodeJS, Redux
- **Programming Languages** - Java, Python, C++, Javascript, Dart
- **Microservices** - Docker, Kubernetes
- **Database** - SQL, MongoDB