

Ganesh Pandian

To evince my skills and abilities to further the development of the organisation thereby spurring my career to the next level.

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EXPERIENCE

IVTL Infoview Technologies Pvt. Ltd Chennai — Full Stack Developer

July 2016 - PRESENT

- Designed and Developed a product which acts as a Reservation/Reception Management system for a public space(organization, residence) which works on a digital key platform for personal authentication and transfer of rights in collaboration with Bitkey, Japan. We created an advanced digital infrastructure for a Room Reservation with built-in digital key device and automated reception desk with zero manpower on the entire process.

Technologies: **ReactJs, NodeJs and Firebase**

- Developed modules of Sales Management package, which comes under SCM suite in the next- generation ERP product called AI WORKS, where I worked on the concepts of **Core Java** and attained knowledge on how sales and cost protocols work in an organisation with an in-depth understanding of how the customer's data is being handled in every background level.

- Experienced in a Research & Development project where I introduced new components for the High Usability Enterprise (HUE) framework which empower the developers to move on easily with application development.

Technologies: **Google Closure, Cassandra and Selenium Automation**

EDUCATION

Madras Institute of Technology- Anna University, Chennai— B.E Computer Science

August 2012 - May 2016

Relevant Coursework: Java and Web Technology, Ad-hoc Networks, Data Structures, AI, DBMS, Design and Analysis of Algorithms, Object oriented Analysis and Design, Computer Architecture, Operating Systems and Compiler design.

TECHNOLOGIES

Back End: Node JS, Java(Spring Boot, Hibernate)

Front End: React JS, TypeScript, JavaScript

Database: Oracle, MongoDB, Firebase

Interests: Machine Learning, Python

Web Technologies: HTML5, CSS3

PROJECTS

Face recognition and detection — Python

- Used Haar Cascade object detection algorithm to identify objects(face) in an image/video. Prepared the grey-scale sample datasets of objects to train the OpenCVRecognizer and stored to result using a numpy array.

- Recognizer then will predict the face and it's mapped id on a live video/image with approx. 80% accuracy.

Human Safety Android Application — Java

- App which creates evidence by recording video both on the front and back camera simultaneously and streams it to a central database along with noise alert and message alert with current location to the preferred contacts. This app will be triggered on hard shaking movement of mobile devices in case of emergency.

HIGHLIGHTS

- Self starter and highly motivated team player with good interpersonal skills
- Solution development and time management skills
- Strategic prioritisation