Piyush Bansal

Personal Data

Date Of Birth:	February 8, 1996
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Work Experience

Current
June 2017

Full Stack Developer at Awidit Systems, Gurgaon

Admin Dashboard

Collaborated with the Design team and developed a unified video intelligence/ analytics dashboard which was built on **Angular v5** as the frontend technology and **NodeJS** as the backend. It also included real time notifications using **Socket io** and **firebase cloud messaging**. Database used was **MongoDB** and also for saving images **AWS S3** was used. Using the dashboard a user can remotely check for himself whether the camera or the system deployed is working or not while sitting anywhere in the world with just a single click, and this real time connection is done using **Socket io**. Complete project handling of frontend and backend was done by me only

Damage Recognition Engine - TAG

Damage Recognition Engine - TAG is a web based training tool for manually tagging and collecting training data for training the engine about which car part it is, which part of the car is damaged and what damage it is. **ReactJS** is used as the frontend technology and **NodeJS** as the backend. Database used was **MongoDB**. A similar application was also made for detecting mobile screen damage as well

Damage Recognition Engine - CORE

Damage Recognition Engine - CORE is a CNN Image processing tool (running as algorithm on backend) for automatically detecting which part of the car is damaged, what damage it is and the car parts in the image. It is made for detecting mobile phone damage as well. So when a user uploads an image, it is first stored on **AWS** and the relevant URL is provided to the algorithm for detection. The user can also provide the URL of an image himself in which case it is provided to the algorithm straightaway. Frontend part was built on **Angular**

Jan-June 2017

Internship at Litifer

Worked on Responsive Admin Dashboard meant for proximity marketing , using technology stack of **ReactJS** with **Redux** as frontend part, **Nodejs** as backend and **MongoDB** as database. It also included the implementation of **google maps** which was used for fetching the latitude and longitude of that place. Real time notifications were sent using **firebase cloud messaging**

Education

June 2017	Bachelor of Technology in Computer Science, **MRIU**, Faridabad SGPA: 7.9/10
March 2013	Higher Secondary Education, CBSE Percentage: 73.0
March 2011	Matriculation, CBSE CGPA: 7.6/10

Computer Skills

Basic Knowledge:	java, C, C++
Intermediate Knowledge:	linux,Ubuntu, Docker, AWS ,React JS
Advanced Knowledge:	HTML, CSS,JS,Angular JS, Angular 2, Node JS,Mongo DB , Socket io