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Aswin Kalarickal

Technical Skills

Coding /	Python, Node.js, Web Backend (webapp2, Express),
Architecture	Datastores (MongoDB, Redis, MySQL), Web Frontend (ReactJS, HTML5, CSS3, Javascript, jQuery), Game Engine (Unity C#), Mobile Development (Cordova, Sencha), Scripting (Bash)
Cloud	Amazon Web Services
Infrastructure	
Deployment	Docker, Nginx
Repositories	Git, Mercurial

Experience

- 2017–Present **Senior Game Developer, DYNAMICNEXT, Kochi, India.**
DYNAMICNEXT founded in 2012 is a company involved in making social strategic games. Its main titles include *Downtown Mafia* and *Battlecry*, which have more than 2 million user base combined.
Projects I have worked on:
- **Downtown Gangstaz:**
 - Implemented UI
 - Implemented integrations like Unity Ads, AppsFlyer, Mixpanel, and login systems - Google Play Games, Facebook, etc.
 - Implemented in-app purchases
 - Server-side development of some features
 - **DTC Poker - Texas Hold'em:**
 - Design and development of core functionalities of the game
 - Implemented integrations like Unity Ads, AppsFlyer, Mixpanel, and login systems - Google Play Games, Facebook, etc.
 - Implemented in-app purchases
 - Porting the game to Steam
- 2014–2017 **Software Engineer, DYNAMICNEXT, Kochi, India.**
- **Downtown Casino:**
 - Design and development of core functionalities of the game
 - Server deployment
 - Implementing in-app purchases
 - **Downtown Mafia:**
 - Implementation of additional functionalities in the game

2013–2014 **COO & Co-founder**, *Coppra*, Kochi, India.

Coppra was founded in 2013. It has developed many websites and web applications for various clients including Startup Village, KSEB, etc. Coppra was the first to launch a Malayalam movie promotion game (for Android). It has also done title game for a renowned local animation series. I was in core team in charge of products and services provided by the company and a leading developer.

Projects I have worked on:

- Different websites including that of Startup Village's official website
- Backend of social games like *Hit It!*

Education

2013 **B.Tech in Computer Science and Engineering**, *MES College of Engineering*, Kuttippuram, 68.9%.

2009 **AISSCE**, *S N Vidya Bhavan*, Chentrappinni, 82.6%.

2007 **AISSE**, *S N Vidya Bhavan*, Chentrappinni, 83.2%.

Academic Projects

Main Project

Title *Intelligent Traffic Lights Based on RFID*

Description The project was to implement a dynamic traffic signaling system based on Radio Frequency Identification (RFID). The RFID readers located at the intersections of roads detect RFID tags fixed in every vehicle. By this, one can determine the count of vehicles in the waiting queue of each lane and thus dynamically compute the time for which the lane is signaled green. The system also allows assigning priority to vehicles and also tracing vehicles in cases of theft or traffic rule violation.

Mini Project

Title *Single Sign-On*

Description The project was to implement single sign on for managing multiple personal accounts of users. This is a website where one can save his login credentials for different sites, and later login to each of them without the need to re-enter the login details.

Languages

Malayalam Native

English Full professional proficiency

Hindi Professional working proficiency

Interests

Music

Photography

Tech Magazines

Activities

- Official web designer of Stupa'13 – a national level inter-college techno-cultural event held at MES College of Engineering, Kuttippuram
- As Secretary of departmental association MatriCS (MES Association for Technical Research in Computer Science) organized various events at college
- Was a house captain at school and had participated in various events at both district and state level