

Surendra Galwa

Professional Summary

I have 1 year and 6+ months of extensive experience in Software development. The software experience includes development of Client- Server, Object Oriented & Web Based Applications. I have hands on experience in React JS, Node JS, Express, Python/Django framework and GraphQL. I also have good experience in NoSQL (MongoDB) and MySQL both databases. I am an Agile enthusiast with complete awareness of Scrum based project execution and ceremonies. Well versed with project management tools like JIRA and Trello.

Skill Sets

Operating Systems

Linux, Windows, MacOS

Programming Languages

Python, C, C++, Java SE.

Web Related Technologies

HTML, CSS, JavaScript, JQuery, Ajax, **React JS, Angular JS, Node JS, GraphQL.**

Database

Mongodb, MySQL, PostgreSQL.

Version Controller

Git, Bitbucket, Github.

Application/ Web Servers

Nginx, Tomcat, Glassfish, JBoss.

Frameworks

Express JS, Django.

Deployment

Docker

Project Details

PROJECT: Health Care

Environment: ReactJS, Redux, Bulma CSS, Redux Saga and Highcharts.

Client: US Based.

Description:

This project shows the benchmarks and tracks regional health care performance on key quality. As the state's only source of comparable performance information about the care provided to 30 million Californians, this project brings together multi payer data—commercial insurance, Medicare, and Med-Cal—to help purchasers, health plans, and policymakers target performance improvement initiatives..The project enables the end users to explore and compare with different measures like diseases, years and risk basis as well.

Roles:

- Development and Code reviews.
- Implementation of complete work flow.
- Client interaction & Requirement Analysis.

PROJECT: Digital wallet and Shopping platform

Environment: NodeJS, Express, Ethereum.

Client: Indian

Description:

This project creates a online platform to purchase and sell products. We created a digital wallet for user transactions and user can use Ethereum currency also. Created services to fetch Ethereum transactions, filter and verify. This project also includes user management. Now we envision to integrate media streaming in it.

Roles:

- Development and block chain R&D.
- Code reviews.
- Implementation of complete work flow.

PROJECT: SConnect

Environment: Nodejs, Express, ReactJS, Apollo GraphQL, Mysql, jQuery, Babel js, Webpack, PassportJS, JWT.

Description:

Sconnect is a Human Resources Information System that provides a one stop solution to support various HR processes. The back end is developed using Node/Express js stack and the front end is a single page application built using React JS. The back end exposes an GraphQL API while the front end uses famous GraphQL Apollo client to consume the APIs.

Roles:

- Development of modules – Employee management, Leave & Attendance management.
- SSO integration and implementation using node-openid-client plugin.
- Code reviews and requirements analysis.

PROJECT: Reporting System

Environment: Python, Django, Amazon Athena, AWS, SQL.

Domain: Loan and Investment.

Client: USA based client.

Description:

This is a web portal for dynamic reporting system, Where users can see the investment details on the basis of different parameter.

We have created a dashboard for dynamic reports and a report rule set engine which can be configured by the Admin. We also have a Admin portal and User portal with various configurable filters. We used AWS and Athena to fetch portal data.

Roles:

- Client interaction & Requirement Analysis.
- Development and Implementation of complete work flow.
- Code reviews

PROJECT: Training Management System

Environment: React JS, Redux, Webpack, Babel, Bootstrap, Node JS, MongoDB

Domain: Artificial Intelligence.

Product: Yes.

Description:

This is a web enterprise application which is designed and developed to use by Artificial Intelligence for data preprocessing, training and testing the models.

Worked on the media preprocessing modules to convert Image (Resolution, Aspect Ratio, Gray Scale etc) and video properties (FPS, Resolution, Quality using FFMPEG), split videos based on time stamp or duration and Merge multiple videos into a single video file. Worked on .

Roles:

- Planning & Requirement Analysis.
- Development and Implementation of complete work flow.
- Code reviews

PROJECT: Video Management System

Environment: React JS, Redux, Redux Saga, Webpack, Babel, Bootstrap, Node JS, Micro Services, MongoDB, FFMPEG, RTSP, ONVIF, RPC

Domain: Video Surveillance powered by Artificial Intelligence

Product: Yes.

Description:

This is a web enterprise application which is designed and developed to view raw and analyzed live stream from IP cameras. The application streams media content from back end media server to web client. This application manages worker servers using RPC protocol from a single master server. Analytic servers convert the raw live and recorded IP camera footage into Analyzed (Face detection & Recognition) media.

Developed modules to scan the network for available devices like IP cameras and worker servers.

Roles:

- Requirements & Design Analysis.
- Development and Implementation of complete work flow.
- Code reviews

Personal Details

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