

PRITTAM SINGH NAIK

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OBJECTIVE:

To work in a challenging environment with dedicated and committed people and learn from them, contribute to the growth and success of the organization.

PROFESSIONAL EXPERIENCE:

- Having 2.5years of Professional IT experience in the development of web applications using MEAN Technologies.
- Area of expertise in **NodeJS, ExpressJS, Angular.**
- Refactoring the code for enhancement of code quality and reusability.
- Effective in working independently and collaboratively in teams.
- Good Experience in all phases of software development life cycle like Database design, UI-Design, Framework Development of applications.

WORK EXPERIENCE:

- Working as MEAN stack Developer in NICSI (National Informatics Center Services Inc.), Bhubaneswar, Odisha.
 1. Internship under govt. Scholarship from September 2018.
 2. Under velocis consultancy PayRole from Sept 2019 to December 2020.
 3. Under Akal consultancy PayRole from January 2021 to now.

TECHNICAL SKILL:

Operating System	: MacOS, Windows
Web Development	: Angular
Web Server	: NodeJS
Documentation	: Open API Swagger
Database	: PostgreSQL, MongoDB
Version control system	: Git
Repository manager	: Github, OpenForge, Devops

ACADEMIC CREDENTIALS:

- MCA from DDCE Utkal University, Bhubaneswar in 2019.
- BSC from Utkal University, Odisha in 2016.
- +2 from Council of Higher Secondary Education, Odisha in 2013.
- 10th from Board of Secondary Education, Odisha in 2011.

PROJECTS DETAILS

Ongoing projects:

# Project Name	: OAIC Account Management System
Client	: Odisha Agro Corporation Ltd, Govt. of Odisha
Role	: Software Developer
The technology used	: Angular, NodeJS
Tools Used	: Visual Studio Code, PgAdmin 4
Database	: Postgresql
Database connection tool	: pg, Sequelize
API Documentation	: Open API SwaggerJS (swagger-jsdoc, swagger-UI-express)
API Validation	: express-validation (Joi)
Repository manager	: OpenForge
Team Size	: 1

Description:

The Accounting Management System is a web-based application intended for managing the complete accounting package of OAIC. In this System first, the Accountant receives money from the farmer against an order. The accountant will initiate a Purchase Order & the DM(District manager) will Approve it. The vendor generates the Invoice against the Purchase Order, sends the bill & sends the Order item (e.g. Tractor, Pumpset, etc) to the Accountant. Accountants receive the item & generate the MRR (Material Receipt Report). Then the Accountant will generate a Payment Approval for pay to the Vendor, DM will approve the Payment Approval & the Bank will Confirm the payment. Then the Accountant will deliver the ordered item to the farmer.

The main purpose of the system is to trace all the Payments/Transactions, maintain the stock, and generate the required reports like Ledger, Project wise Ledger, Vendor wise Ledger, Cashbook, Payments, Receipts, Consolidated Cash Book, JobBook, Purchase Order, Money Receipt, Farmer Invoice, Material Receipt Report, etc.

Responsibilities:

- Database architecture design.
- Writing ORM-based database operations.
- UI Design
- Design Angular Modules, Components, etc.
- Develop the web APIs
- Develop the project.
- Manual testing.

#Project Name : Pumpset Distribution Management System

Title	: Distribution of Pumpset to ST category farmers.
Role	: Software Developer
Server side	: NodeJS
Client side	: Angular 12
Mobile application	: Flutter
Payment Gateway	: Razorpay (ICICI Bank)
Tools used	: Visual Studio 2015, PgAdmin 4
Platform	: macOS
Database	: PostgreSQL 13
Repository manager	: Github
Team size	: 1

Description:

There is a scheme of the Odisha government for distribution pumpsets to ST category farmers who come under ITDA(Integrated Tribal Development Agency). There are four roles on this project.

ADMIN will set the target for all the ITDA(Integrated Tribal Development Agency). ADMIN will add or remove the Project Managers of each ITDA(Integrated Tribal Development Agency).

The Project Manager will register farmers to get benefits. To verify whether a farmer is valid or not, we are integrating with different systems through API. The Project Manager pays the farmer share and ITDA subsidy to the Department through the Payment Gateway of ICICI.

The District Manager will take photos of farmers while giving them pumpset and store in local storage in our mobile application. After distributing all the items the District Manager will sync all the farmers' details to the server.

Responsibilities:

- Database architecture design.
- Writing ORM based database operations.
- UI Design
- Design Angular Modules, Components etc.
- Develop the web APIs
- Develop the project.
- Manual testing.

Previous projects:

#Project Name : GEOFACE

Title : Face Recognition Based Geo-Tagged Attendance System
Role : Software Developer
Technologies used : AI (face-apiJS)
Tools used : Visual Studio Code
Platform : MACOS
Database : MongoDB
Repository manager : OpenForge
Team size : 1

Description:

Attendance system for any type of organization using face-authentication/face-match/face-detection. Admin of each department will register their employees/students/others with their photograph. In our system

Responsibilities:

- Participating in Database table design.
- Develop business Components.
- Develop the project.

#Project Name : GLASSD

Title : Zero code GIS Integration
Role : Software Developer
Technologies used : ArcGisJS, AngularJS
Tools used : Visual Studio Code, MongoDB Compass
Platform : macOS
Database : MongoDB
Repository manager : OpenForge
Team size : 1

Description:

A GIS integration system. Here you can create a project with URL, latitude & longitude data, or some required data and we will provide an URL to integrate into your project as an iframe. So that without any code you can integrate the GIS. Here the latitude and longitude can be imported from an excel sheet or you can draw directly on a map for your required layer/boundary.

Responsibilities:

- Participating in Database table design.
- Develop business Components.
- Develop the project.

#Project Name : ACTS

Title : Automatic Contact Tracing System
Role : Software Developer
Technologies used : NodeJS, ArcGisJS
Tools used : Visual Studio Code, MongoDB Compass
Platform : macOS
Database : MongoDB

Description:

A Tracking System for Home quarantine patients and an automatic trace contact tracing system for covid-19 patients. In this system, each hospital should register every covid-19 patient and their home locations(for quarantine), So that we trace all patients and alert others by showing a danger zone or warning zone in our Bharat MAP.

Responsibilities:

- Participating in Database table design.
- Develop business Components.
- Develop the project.

#Project Name : PBOX

Title : Proctoring based Online Examination System
Role : Software Developer

Technologies used	: Apache Kafka, IndexedDB
Tools used	: DevOps, Visual Studio Code, MongoDB compass
Platform	: macOS, Docker, Container
Database	: Redis, MongoDB
Team size	: 5

Description:

There are two servers in our Online examination system. One is the admin side and another server is for public use(Examination module). There are four modules(role) in this project. We upload questions in the REDIS database (Cache storage) from MongoDB so that we can prevent any type of hacking. The answers are uploaded into Kafka while giving an exam or after the exam ends.

While the student is giving their exam our proctoring module tracks all the violations and sends student details with a live captured image to the corresponding proctor.

Responsibilities:

- Develop business Components.
- Participating in Database table design.
- Develop the project.

#Project Name	: RHCS
Title	: Remote Health Care System
Role	: Team lead
Technologies type	: AI, Microservice, Load balancer, API gateway
Server side	: NodeJS, Nginx
Client-side	: Angular 10, Face-APIs, WebRTC, PWA
Tools used	: Visual Studio 2015, MongoDB compass
Platform	: macOS
Database	: MongoDB, Redis
Team size	: 10

Description:

This is a hospital, patient, Oxygen cylinder, kit, ambulance management system. While in hospital there is a shortage of beds, so people will be treated from home in the covid-19 pandemic.

The administration staff is keeping track of the live activities of all the patients. They can also communicate with patients through video calls.

Responsibilities:

- __Design architecture of the server.
- __Manage microservices.
- __Solve the issues.
- __Manage the project.

#Project Name	: Crate Distribution Management System
Title	: Crate Distribution to Women farmers of WSHG.
Role	: Software Developer
Server-side	: NodeJS
Client-side	: Angular 11
Tools used	: Visual Studio 2015, PgAdmin 4
Platform	: macOS
Database	: PostgreSQL 13
Team size	: 2

Description:

There is a scheme of the Odisha government for distribution crates to women farmers who come under the Women Self Help Group. There are four roles in this project. ADMIN will manage all the things. The supplier will supply crates to the District Manager or AHO. Distribute the crates to women farmers by AHO of the corresponding block.

Responsibilities:

- __Design architecture of the project & server.
- __Develop the project.

PERSONALDETAILS:

Date of Birth : 21th May 1996
Father's Name : Trinath naik
Sex : Male
Nationality : Indian
Marital Status : Unmarried
Language Known : Odia, Hindi, English

DECLARATION:

I do hereby declare that the information furnished above is true to the best of my knowledge.

Place: Bhubaneswar

Date: 10-07-2021

yours truly
Prittam singh naik