

**GOUTAM KUMAR SAH**  
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**CAREER OBJECTIVE:**

To build a career with leading Corporate having committed and dedicated people whom I will work with all my potential and enhance my skills and where my skill knowledge is effectively used for the success of the organization

**TECHNICAL SKILLS:**

<b>Programming Languages</b>	Java, Spring Boot, Python, Spring Webflux.
<b>Framework</b>	Odoo, Flask, Open ERP, Spring Boot, Spring WebFlux, Hibernate, JPA, RabbitMQ, Redis, Apache Kafka, Elastic Logstash Kibana, SonarQube, Hashicorp Vault
<b>IDEs and Tools</b>	Docker, Kubernetes, PyCharm, Visual Studio Code, Spring Boot Tool Suite, Notepad++ Maven, Linux Shell Script
<b>Debugging Tools</b>	POSTMAN, SoapUI
<b>Operating Systems</b>	Windows (10/11), Linux, Ubuntu, CentOS, RHEL
<b>Web/Application Servers</b>	Nginx, Apache, OpenResty, WSO2, Tomcat
<b>Version Control</b>	GIT, Bit Bucket, Gitlab
<b>Database</b>	MySQL, PostgreSQL, MongoDB (Basics)

**WORK EXPERIENCE:**

**Vartulz Technologies Pvt. Ltd.**

**'July 18 2018 – Present**

**Project:** Your Mudra

**Project Description:** Fintech Application as Digital Wallet.

**Responsibilities:**

- Developed REST Web service (APIs) for mobile and web.
- Developed the Digital Wallet, and create transaction and maintain the wallet in backed.
- Integrated third-party API for Mobile Recharge, AEPS, DMT, BBPS, E-KYC, CMS, IMPS, NEFT.
- Integrated RabbitMQ for microservices inter connection.
- Integrated Redis for the Caching and to store the session related data.
- Integrated ELK for various logs.
- Configured ASW EC2 instance for production deployment.
- Making the environment of the project on server.
- Integrated AWS S3 for PDF and document storage

**Environment:** Spring Boot, JAVA, Redis, RabbitMQ, MySQL, JPA, APM, ELK, Kafka, Microservices, WSO2, AWS, Angular, Shell Scripting, RHEL.

**Project:** e-BACS (Ministry of Civil Aviation)

**Responsibilities:**

- Developed REST Web service APIs for web.
- Integrated third-party APIs for certificate generation with GS1 standard barcode.
- Integrated RabbitMQ for SMS/EMAIL notification
- Making the environment of the project on server.
- Configuration of server to avail the web service at NIC.
- Integrated Redis for the Caching and to store the session related data.

**Environment:** Spring Boot, JAVA, Microservices, Redis, RabbitMQ, MySQL, JPA, APM, RabbitMQ, WSO2, Angular.

**Project:** OBO

**Project Description:** Social Networking

**Responsibilities:**

- Developed REST Web service APIs for web and Mobile.
- Integrated ActiveMQ for SMS/EMAIL notification
- Integrated APM Server for spring boot logs.
- Making the environment of the project on server.
- Configuration AWS EC2 instances for the project deployment.
- Integrated Redis for the Caching and to store the session related data.

**Environment:** Spring Boot, JAVA, Redis, ActiveMQ, MSSQL, JPA, APM, Microservice, WSO2, AWS, React.

**Project:** E-way Bill Compliance System

**Project Description:** Generate and maintain E-way bills.

**Responsibilities:**

- Developed REST Web service (APIs) for mobile and web.
- Generation of Excel Reports.
- Generation of pdf of e-way bill.
- Integrated GST E-Way Bill third party APIs provided by GSTIN
- Configuration of server to avail the web service
- Integrated APM Server for spring boot logs.
- Making the environment of the project on server.

**Environment:** Spring Webflux, JAVA, MySQL, JPA, APM, WSO2, Shell scripting, RHEL

**Project:** E-Invoice Compliance System

**Project Description:** Generation and maintains of E-Invoices

**Responsibilities:**

- Developed REST Web service (APIs) for mobile and web.
- Generation of Excel Reports.
- Generation of pdf of E-Invoice.
- Integrated GST E-Invoice third party APIs provided by GSTIN
- Configuration of server to avail the web service
- Integrated APM Server for spring boot logs.
- Making the environment of the project on server.

**Environment:** Spring Webflux, JAVA, MySQL, JPA, APM, WSO2

**Project:** GSP (GST Suvidha Provider) Analytics Dashboard

**Project Description:** The client required a dashboard showing various Analytics like API count, request Payload size, Response Payload size, Active GSTIN and ability to download logs.

**Responsibilities:**

- Responsible for development of the Web application
- Created APIs
- Responsible for deployment of the application on the server

**Environment:** Spring Boot, JAVA, MongoDB, Redis

**Project:** GSP (GST Suvidha Provider) Auth.

**Project Description:** The application was responsible for validation / authorization of ASP ID and ASP secret (client requests)

**Responsibilities:**

- Responsible for the setting of GSP Auth Server based on custom ASP ID and ASP SECRET

**Environment:** Nginx AUTH Module, Mod Security, MySQL, Python , Bash shell scripting,RHEL

**Project:** Automatic User Authentication Processing System (Wheelhouse Technologies Pvt. Ltd.) **Project**

**Description:** Web based app for the user authentication process.

**Responsibilities:**

- Developed Restful web service APIs.
- Used Postman to test the API workflow.
- Used GIT/Bitbucket for the version of code.
- Making environment for the same on server.
- Configuration of web server for this application to access.
- Deployment of Rest web service on the server.

**Environment:** Python JavaScript, CSS3, HTML5, Bootstrap, Flask, JSON, MySQL, RESTful web service, PyCharm, GIT.

**Project:** Extract-Transform-Load (Maxcentive)

**Project Description:** Rest web service to manipulate the raw excel file into desired format

**Responsibilities:**

- Developed Restful web service API.
- Developed Restful web service to transform the raw excel file into desired format and response back with the newly generated excel by extraction, transforming and loading into new excel file.
- Used Postman to test the API workflow.
- Used GIT/Bitbucket for the version of code.
- Making environment for the same on server.
- Configuration of web server for this application to access.
- Deployment of Rest web service on the server.

**Environment:** Python, Flask, JSON, RESTful web service, PyCharm, GIT

**Project:** Datatel CRM

**Project Description:** CRM for the commission management

**Responsibilities:**

- Developed various new modules as per the requirement of the project.
- Manipulated the existing module of Odoo into desired requirement.
- Added the various fields on the modules.
- Worked on Sales, CRM, Contact, Website Slide, E-commerce, Accounting and etc.
- Consuming of third-party Rest web service APIs for the extra services and features.
- Making the environment of the project on server.
- Configuration of server to avail the application.

**Environment:** Python, Odoo 10.0

**Project: J&K Bank GST Compliance****Project Description:** Web App. for J&K Bank to create invoices using the raw data and file GST.**Responsibilities:**

- Responsible for setting up the environment for the application
- The setup was done by downloading the source code, compiling and installing on the client's datacenter.
- Developed Bootstrap responsive web application pages using Angular services, components and directives for front end UI and consuming the Restful web service API and made use of CRUD Services for effective use of Web services.
- Used Postman to test the API workflow tested on the JSON files which are generated by the NodeJS, ExpressJS.
- Worked with HTTP/HTTPS protocols by using angular components to build RESTful services.
- Used GIT for version control of code

**Environment:** HTML5, JavaScript, CSS3, Bootstrap, Node.js, Express.js, JSON, MySQL, RESTful web service, Visual Code, GIT.**Project: File Your GSTR****Project Description:** Product to file GSTR and get its customized analytics and summary**Responsibilities:**

- Developed a DSC (Digital Signature Certificate) Registration portal to register digital signatures for GSTR filing.
- Post the raw data on GST server using NodeJS
- Using Node Package Manager (NPM) to manage or install Express.js.
- Developed REST services using Node-JS, Express-JS, Body-Parser, Underscore-JS and other node modules to serve the web application with JSON data.
- Used Postman to test the API workflow tested on the JSON files which are generated by the NodeJS, ExpressJS.

**Environment:** HTML5, JavaScript, CSS3, Bootstrap, Node.js, Express.js, MySQL, RESTful web service, Visual Code, GIT**EDUCATION:**

- MCA, DIT University, Dehradun, 2018
- BCA, MAKAUT, West Bengal, 2016

**TRAININGS & PROJECTS:****Summer Training Project (MCA)****5weeks****Company:** Microsoft Technology Associate, Dehradun**Project Title:** e-NOTESHUB**Skills Used:** CSS, JSP, BOOTSTRAP, JAVASCRIPT, HTML.**Description:** A website which is used to share the documents where user can upload the documents and download the uploaded documents.**Summer Training Project (BCA)****5weeks****Company:** Moniba Compu Academy, Kolkata, West Bengal**Project Title:** Employee Skills Management System**Skills Used:** MySQL Server 2008, C#

**Description:** It is a desktop application project which is used to keep records of all employees' information. Using this system an organization/company can keep records of their employee such as their personal, experience, educational, current working details and etc.

#### **Major Project (BCA)**

**Project Title:** Online Stock Management System

**Skills Used:** MySQL Server 2008, ASP .NET with C#

**Description:** This was a web application/website which is used for stock trading. Using this website user can open their demat account and start stock trading like purchasing of stocks, selling of stocks, viewing the current buying or selling rate of any stock and etc.

#### **Minor Project (BCA)**

**Project Title:** Banking Management System

**Skills Used:** MySQL Server 2008, C#

**Description:** This was a small project and it was a desktop application project. This application is used for opening account, deposit, withdrawal, and etc.

#### **ACHIEVEMENTS:**

- Participated in various events during school as well as in college.
- Participated in various Coding events.

#### **EXTRA CURRICULAR ACTIVITIES:**

- Designing Head of Tec live Club of DIT University.
- Member of NGO (Darshwana Foundation).

**[GOUTAM KUMAR SAH]**