

## Suvendu Kumar Sahoo

**Email:** [suv.chintu@gmail.com](mailto:suv.chintu@gmail.com), **Mobile:** +91-9985418729

**Address:** Madhapur, Hyderabad - 500081

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### CAREER SUMMARY

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- A competent professional with 7.8 years of experience in Software Development, Design and Analysis.
- Hands on experience in Python using Django and NodeJs using Express.
- Experience in writing unit test cases for Python using Unittest & PyTest and NodeJs using Jest & Supertest.
- Possess sound knowledge of Data Structures and Object Oriented Programming.
- Hands on experience in Atlassian Project Management Tool JIRA.
- Strong problem solving skills supplemented by documentation skills detail oriented, result-oriented, confident and adaptive.
- An active team player with effective communication.

### TECHNICAL SKILLS

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- **Backend Technology:** Python, NodeJs, PHP
- **Frontend Technology:** Angular, ReactJs, HTML, CSS, JavaScript, jQuery, Bootstrap
- **Web Framework:** Django, Express, Laravel
- **Database:** MySQL, MongoDB, PostgreSQL
- **Unit Testing:** Unittest, PyTest, Jest and Supertest
- **Other Technology:** RabbitMQ, Redis, Socket.IO, AI & Machine Learning, IoT
- **Database Tool:** phpMyAdmin, MySQL Workbench, MongoDB Compass, PgAdmin
- **API Tool:** Swagger, SoapUI
- **DevOps Tool:** Docker, GitHub Actions, Jenkins
- **Cloud Service:** Amazon Web Services (AWS)
- **Version Control:** GIT

### EMPLOYMENT DETAILS

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Company Name	Duration	Designation
V-Soft Consulting Inc.	Mar 2019 to Present	Sr. Software Engineer
Cloudtern Solutions LLP	Aug 2017 to Feb 2019	Sr. Software Engineer
Entransys Pvt. Ltd.	June 2016 to July 2017	Software Engineer
Nihar Info Global Ltd.	Aug 2015 to May 2016	Software Engineer
Managix Technology and Management Services LLP	May 2014 to Aug 2015	Software Engineer

### PROJECT DETAILS

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#### Project 1: Goodman

<b>Description</b>	A web-based image annotation tool developed for utility and efficiently label images to create training data for image localization and object detection.
<b>Organization</b>	V-Soft Consulting Inc.

<b>Roles and Responsibilities</b>	<ol style="list-style-type: none"> <li>1. Developing methods in Python for AI modelling and pre-processing.</li> <li>2. API development using Python and Django.</li> <li>3. Frontend development using ReactJs.</li> <li>4. Database design in MongoDB.</li> </ol>
<b>Skills Used</b>	Python, Django, MongoDB, ReactJs, RabbitMQ, Socket.IO, HTML, CSS, JavaScript, jQuery, Bootstrap

**Project 2: Blue222**

<b>Description</b>	Blue222 is an Internet-based platform that allows banks, developers, purchasers, engineering firms and others involved in real estate transactions to obtain multiple bids from pre-qualified consultants, quickly and efficiently.
<b>Organization</b>	V-Soft Consulting Inc.
<b>Roles and Responsibilities</b>	<ol style="list-style-type: none"> <li>1. Designing the project architecture.</li> <li>2. API development using NodeJs and Express.</li> <li>3. Frontend development using Angular.</li> <li>4. Database design in MySQL.</li> </ol>
<b>Skills Used</b>	NodeJs, Express, MySQL, Angular, Redis, HTML, CSS, JavaScript, jQuery, Bootstrap

**Project 3: Churn Prediction**

<b>Description</b>	Preparing a churn prediction model using Scikit-Learn library with different algorithms to find out which gives maximum accuracy. Test data is provided to the model for training purpose.
<b>Organization</b>	Cloudtern Solutions LLP
<b>Roles and Responsibilities</b>	<ol style="list-style-type: none"> <li>1. Preparing prediction models using Python and Scikit-Learn library.</li> <li>2. Finding model accuracy by using different algorithms and generate reports.</li> </ol>
<b>Skills Used</b>	Python, Django, Scikit-Learn

**Project 4: API Mediation**

<b>Description</b>	Mediating the existing APIs from SOAP to REST and implement new business logics according to the service type.
<b>Organization</b>	Cloudtern Solutions LLP
<b>Roles and Responsibilities</b>	<ol style="list-style-type: none"> <li>1. Designing the project architecture.</li> <li>2. API development using Node.js, Express and PostgreSQL.</li> <li>3. Maintaining API documentation in Swagger.</li> </ol>
<b>Skills Used</b>	NodeJs, Express, PostgreSQL, Kong API Gateway, Swagger, SoapUI

**Project 5: My Digi Parking**

<b>Description</b>	It is a smart parking management system based on IOT technology. It helps parking area owner to manage parking slot allotment with the help of sensors and barricades. Display board is used to show the slot availability rate.
<b>Organization</b>	Entransys Pvt. Ltd.

<b>Roles and Responsibilities</b>	<ol style="list-style-type: none"> <li>1. Designing the project architecture.</li> <li>2. Backend development using NodeJs and PHP.</li> <li>3. Fronted development using JavaScript and jQuery.</li> <li>4. Database design in MySQL.</li> <li>5. Create communication between h/w (Barricades, Sensors, Display Board) and application.</li> </ol>
<b>Skills Used</b>	NodeJs, PHP, Express, Laravel, MySQL, HTML, CSS, JavaScript, jQuery, Bootstrap, IOT

#### Project 6: RHKN – Rural Housing Knowledge Network

<b>Description</b>	RHKN is a housing technology knowledge based web application. It helps the rural people how to build their house using different technologies in different locations
<b>Organization</b>	Managix Technology and Management Services LLP
<b>Roles and Responsibilities</b>	<ol style="list-style-type: none"> <li>1. Backend development using Python and Django.</li> <li>2. Fronted development using JavaScript and jQuery.</li> <li>3. Database design in MongoDB.</li> </ol>
<b>Skills Used</b>	Python, Django, MongoDB, HTML, CSS, JavaScript, jQuery, Bootstrap

#### QUALIFICATION DETAILS

Name of Course	Name of Institution/ University	Year of Passing
<b>B.Tech</b>	National Institute of Science and Technology, BPUT, Orissa	2014
<b>Intermediate/ 10+2</b>	Nayagarh Autonomous College, CHSE, Orissa	2010
<b>Matriculation/ 10th</b>	Saraswati Vidya Mandir, BSE, Orissa	2008

#### PERSONAL DETAILS

- **Gender:** Male
- **Date of Birth:** 22<sup>nd</sup> May 1993
- **Nationality:** Indian
- **Languages:** English, Hindi, Odia
- **Address:** Nayagarh, Odisha – 752070

#### DECLARATION

I, hereby declare that the above statements made are complete and true to the best of my knowledge and belief.

**Suvendu Kumar Sahoo**