

# Pradyumna Biswal

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**Title:** *Software Engineer (Analyst-A4)*

**Location:** *Bhubaneswar (Odisha)*

**Languages:** *English (Conversational), Hindi (Fluent), Odia (Native)*

**Email:** *pbiswal1199@gmail.com*

**Mobile:** *7508648252*

**LinkedIn:** <https://www.linkedin.com/in/pradyumna-biswal-66b863190>

## Professional Summary

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- *Working as a .Net Fullstack developer in Capgemini.*
- *Was a part of a web-based application for a government client and worked as a full stack developer (Python, Django), in the year 2021.*
- *Created several Python GUI projects using Tkinter, in the year 2020.*
- *Participated in CoWD (Crio winter of doing), an online competition where I learned https, git, aws and more on web development.*

## Skills Profile

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### Technical

Operating System	Windows 8,9,10.
Environment	PyCharm, Visual Studio, Visual Studio Code, Eclipse
Database	SQL Server, MYSQL
Internet Tools	HTML.
Languages	Python, PHP, Core Java Basic, C++, C#, ASP.NET,.NET Framework, .NET Core, Web API,MVC, Angular, Azure
Other	JavaScript, CSS, GIT(Basic).

### Functional

Management and Leadership Skills	Ability to lead a team for doing tasks on time, good in time management, and can guide and help everyone.
Training & Development	Technical ability and troubleshooting by searching and implementing.

## Professional Experience

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### Wargame

**June 2021-October 2021**

#### **Role-Backend-developer (Python)**

Created a web-based application, Wargame for a client, in which 3 modules are there, i.e., 1- calculating the power of both teams, casualties happened, 2- then a module for recoding the weapons used, at last a cesium server for the map location.

- Backend coding is done in Python and its framework Django.
- For frontend Vanilla JavaScript is used, also Cesium library is used for Globe and map.
- Docker is used for uploading the map on the globe and Git bucket is used for inter-connectivity.

### **Customer Management System**

**January 2020-June-2020**

#### **Role-Python Trainee**

It is a GUI (graphical user interface) based project in which a company can store the details of their customer's such as name, age, address, mobile number and corresponding an id will be given to them. Also, it helps the company to know about their regular customers and give them some extra benefits. A login page is present for the admin to store and retrieve the data from the database.

- For uploading the data through a GUI, Python Tkinter is used.
- For storing MySQL is used

### **Online Bus Reservation System**

**February 2022**

#### **Role- UI Developer**

*A portal for bus ticket reservation. Allows customers to book bus tickets from anywhere and anytime. Customer can easily book their tickets and cancel tickets at his comfort. Customer can view all the details of the seats, bus, and route along with picture. This software computerizes any traveling company to manage data, so that all the transactions become fast and there should not be any error in transactions like calculation mistake, bill generation and other things.*

**Admin Module:** After the Admin credentials are authorized, the admin redirected to the admin homepage. After successful login, Admin will be able to view these details.

**User Module:** After the user credentials are authorized, the user redirected to the user homepage. After successful login, user will be able to book the bus.

### **Market Derived Security (MDI), Sanction Workflow (SWF)**

**February 2022-Now**

#### **Role-.NET Developer**

*These are two Web based projects used for storing client's policy details, amount and the personal details like name, id, phone number, address, etc. So, a customer can use the portal to check the existing details or update as it is, created project using .Net ,MVC and API for web app.*

## Summary of Projects

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### **Wargame**

**June 2021-October 2021**

#### **Role-Backend-developer (Python)**

Created a web-based application, Wargame for a client, in which 3 modules are there:-

- 1- calculating the power of both teams, casualties happened,
- 2- then a module for recoding the weapons used,
- 3- At last a cesium server for the map location.

### **Customer Management System**

#### **Role-Python Trainee**

**January 2020-June-2020**

*It is a GUI (graphical user interface) based project in which a company can store the details of their customer's such as name, age, address, mobile number and corresponding an id will be given to them.*

### **Online Bus Reservation System**

#### **Role-UI Developer**

**February 2022**

The main objective of the Project on Online Bus Reservation System is to manage the details of Bus Route, City, Booking, Customer. It manages all the information about Bus, Registration, Customer. The project is built at administrative end and User end. Thus, only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Bus, Route, Registration, City. It tracks all the details about the city, Booking, Customer.

## **Market Derived Security (MDI), Sanction Workflow (SWF)**

**Role- Dot Net Developer**

***February 2022-Now***

Working as a .net framework developer in above mentioned projects, fixed checkmarks bugs on XSS, Cryptographic issue, Debug enabled, CSRF security. Also created front end pages using Angular. For authorization and authentication used azure key vault, AD group and Blob storage.

## **Training and Seminars**

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- Completed Communication Strategies for Virtual Age, In Coursera on January 25, 2022.
- Done Coursera course on Agile Software Development on December 15, 2021.
- Participated in CoWD (Crio winter of doing), an online competition where I learned https, git, aws and more on web development.
- Done 6 months winter training and internship in Django using Python from 8 January 2021 to 8 June 2021 at Cetpa Infotech private limited, Noida. Web Developer Essentials from Crio.Do in January 2021.
- Django using Python from Cetpa Infotech private limited in June 2020.

## **Certifications**

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- Object-Oriented Programming (OOP) from LinkedIn in March 2021.
- HTML5-Application Development Fundamentals from SoloLearn in January 2021.
- Web Developer Essentials from Crio.Do in January 2021.
- Django using Python from Cetpa Infotech private limited in June 2020.

## **Education**

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- From Punjab Technical University, Pathankot, Punjab, India, B. Tech-CSE, 2020 with 77 %.
- From Kendriya Vidyalaya, Delhi, New Delhi, +2 Science, 2016 with 65%.
- From Kendriya Vidyalaya, Delhi, New Delhi, 10<sup>th</sup> (Matric), 2014 with 90%.