

PRANAV JAGTAP

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To utilize my technical skills and provide a professional service while honing my knowledge by working in a challenging and motivating environment.

PROFESSIONAL EXPERIENCE

Prismatic Softwares Pvt. Ltd.

Sept 2023 – Present

Software Engineer

TOX

- Developed multiple console applications as POC that perform read/write operations with PLCs of different vendors such as Allen-Bradley, Siemens & Mitsubishi.
- Implemented REST APIs for User management functionalities.
- Implemented JWT authentication & audit trail across all APIs.
- Used Entity Framework ORM and LINQ to access data in an N-tier architecture.
- Used : **.NET Core Web API, C#, PostgreSQL, Postman**

Sunloc

- Designed and developed the database schema for the predictive analysis module.
- Developed multiple REST APIs in calculation and raw material processing modules.
- Implemented JWT authentication & audit trail across all APIs.
- Used Entity Framework ORM and LINQ to access data.
- Implemented Repository & dependency injection design patterns to encapsulate data access.
- Used : **.NET Core MVC, C#, PostgreSQL, Postman**

SPACE

- Worked on a CRM-based project for a construction firm.
- Developed the filtering and sorting feature for a module which improved UI performance and user experience.
- Wrote multiple REST APIs in MVC architecture for various purposes.
- Developed stored procedures for accumulating data from various tables to reduce the complexity of backend codes.
- Created Partial views for the dashboard.
- Used : **.NET Framework 4.8, C#, HTML, Bootstrap, AJAX, JQuery, MS SQL Server, SVN**

Prismatic Softwares Pvt. Ltd.

Feb 2023 – Aug 2023

Intern Software Engineer

Login Page Automation

- Developed the Python scripts for a POC that take input of figma illustrations as images and output the HTML and CSS code for that image. Implemented specific use-case for login/signup pages using Image Processing and OCR techniques improving the overall efficiency by 60%.
- Used: **Python, Flask, Pytest, OpenCV, Pillow, matplotlib**

Python File Handling

- Developed and Implemented numerous REST APIs in a client project with Flask and SQLAlchemy
- Dealt with different CRUD operations in tables in MySQL database.
- Dealt with different scenarios in Python file handling with TXT, CSV, word, and PDF files.
- Used: **Python, Jupyter Notebook, SQLAlchemy, Flask**

EDUCATION

Dr. Babasaheb Ambedkar Technological University, Lonere.

Aug 2019 - Aug 2023

BTech, Computer Engineering

CGPA : **8.4**

Arihant College of Arts, Commerce & Science, Pune.

2017 - 2019

HSC, Class 12th

Score :: **72%**

TECHNICAL SKILLS

Programming	C#, Python, C++
Frameworks	.NET Core MVC, .NET Web API, .NET Framework 4.8, Entity Framework, Flask
Web Technologies	HTML, CSS, Javascript(Vanilla JS), Bootstrap, JQuery, AJAX
Databases	MySQL, SQL Server, PostgreSQL, Aerospike
Tools	Git, Docker, Jira, Apache SVN, Postman, Swagger, Kafka

PROJECTS

Final Year Project - Login Page Generator ([Link](#))

Developed a web app that converts an image of a login page into HTML and CSS code by using Optical Character Recognition and image processing techniques like canny edge detection and contours detection.

EXTRA-CURRICULAR ACTIVITIES

Guinness World Record event, Guvi India | AICTE ([Link](#))

A participant and winner of a Guinness World Record event organized by Guvi India.

I wrote a code snippet for building a face recognition application using Python in the attempt.

Spark AR Community Hackathon, Reskill | Spark AR ([Link](#))

Successfully created and deployed an Augmented Reality (AR) effect on popular social media platforms like Instagram and Facebook using Spark AR which has **1.7 Million opens** to date.

Smart India Hackathon 2020

A National level hackathon - Smart India Hackathon 2020 participant as a First-year student.