

# Divyansh Bajpai

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## EDUCATION

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### **SRM Institute of Technology**

#### **Bachelor of Technology (B. Tech.)**

*Current CGPA (9.65)*

Chennai, Tamil Nadu

*Sept. 2022 – Current*

#### **Saraswati Vidhya mandir (U.P Board)**

*12th Percentage: 79%*

Banda Uttar Pradesh

*April 2020– May 2021*

#### **S.T. Mary's School (C.B.S.E)**

*10th Percentage: 85%*

*April 2017– May 2018*

## Projects

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June 2021 -Present

### **FinTaxPro: Tax Management System**

Developed a robust Tax Management System to automate tax filing for individuals and businesses. Integrated data collection, intelligent tax calculations, and compliance monitoring. Ensured data security using AES encryption and provided customizable reporting. Utilized HTML/CSS , Javascript, Node Js, MongoDB for a scalable and secure solution.

### **ColorCraft: AI-Driven Image Colorization**

Developed and trained an AI model for image colorization using a Generative Adversarial Network (GAN). The model features a generator that colorizes grayscale images and a discriminator that distinguishes between generated and real color images. Through adversarial training, the system produces vibrant and realistic colorizations, achieving high-quality results.

### **WeatherWise: Real-Time Weather API Integration**

Integrated a real-time weather API into a website to provide users with accurate and up-to-date weather information. Implemented features such as location-based weather updates, forecasts, and weather alerts. Ensured a responsive and user-friendly interface for seamless access to weather data.

### **OrderEase: Efficient Order Serving Application**

Designed and developed a streamlined order serving application utilizing the First-Come-First-Serve (FCFS) algorithm. The application efficiently manages and processes customer orders in the order they are received, optimizing the order fulfillment process for enhanced customer satisfaction and operational efficiency.

## Certifications

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### **Certification in DBMS by Scalar**

**AWS Skill builder machine learning**

**NPTEL Data analysis of algorithm**

**NPTEL Programming in Java**

**Google AI/ML Virtual Internship**

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, MongoDB

**Frameworks:** React, Node.js, Flask, ExpressJs

**Developer Tools:** Git, Docker, Google Cloud Platform, VS Code, Visual Studio, Eclipse

**Libraries:** pandas, NumPy, Matplotlib, OpenCV.