# DEEPASHREE PATIL

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## EDUCATION

**SVKM Institute of Technology,**                                       **Dhule, Maharashtra**
Bachelor of Technology - Information Technology, CGPA: 8.50       July 2020 - July 2024

**Jaihind Junior College,**                                               **Dhule, Maharashtra**
HSC; Percentage: 75.23       July 2018 - June 2020

**Kamalabai S. Girls High School,**                              **Dhule, Maharashtra**
SSC; Percentage: 80.00       July 2016 - June 2018

## WORK EXPERIENCE

**G-Tech Solutions**                     Mumbai, Maharashtra
Jr. Software Developer       Sept 2024 – April 2025

- To design, develop, and test modules for the Mahindra TV-CMS (Television Content Management System) project.
- Created responsive frontend layouts using HTML, CSS, and basic JavaScript based on project requirements.
- Developed backend components in PHP and integrated them with MySQL databases using XAMPP server.
- Participated in documentation of screen layouts, table structures, and system flow for internal project use.
- Assisted in implementing login verification, password reset, and dashboard functionalities.
- Worked closely with team leads and project consultants to understand client requirements and deliver solutions on time.

**Sushila Web Solutions Pvt. Ltd.(Internship)**       Aurangabad, Maharashtra
Intern       Jan 2024 – June 2024

- Learned basic web development skills and worked with the team on small website projects.
- Assisted in backend work using PHP and MySQL for simple form handling and database updates. Supported the team in testing and fixing basic errors in web pages.
- Practiced using tools like XAMPP, Visual Studio Code, and GitHub for development.
- Created a small website as a practice project during the internship.

## PROJECTS

**Mahindra Dealer Application - TVCMS**       Oct 2024
**(Television Content Management System) project**       View Link

- Contributed to the design and development of the TV-CMS used for managing digital display content across multiple locations.
- Designed and implemented SQL database tables for storing user credentials, dealer details, screen activity logs, and media allocation data.
- Developed real-time status tracking features for active, inactive, and offline TV screens in dashboard support.
- Created detailed documentation for internal use covering screen layout design, table structure, and user workflows. Designed flowcharts and layout structures for new system modules.
- Assisted in preparing demo presentations and documentation for client (Mahindra) meetings and (G-Tech) internal reviews
- Technology used: PHP, MYSQL, HTML, CSS, Javascript, Typescript, JQuery, XAMPP server, etc..

**IOT based smart fish farming for sustainable aquaculture:**                Sept 2023 - April 2024

- A hardware based module incorporating various sensors for continuous water parameter monitoring. This system minimizes internet consumption, transmits data regularly, ensures aquatic life survival and growth quality, and enhances economic benefits in aquaculture.
- Tech: Arduino Uno, IOT, PH Sensor, Turbidity Sensor, Water Quality Monitoring
  Link: **https://github.com/patildipashree/B.Tech_Project**

**Web Application -Bank Management System**                Sept 2023 - Feb 2024

- Developed a web-based Bank Management System to manage basic banking operations like account creation, money deposit/withdrawal, and transaction history.
- Designed responsive front-end pages using HTML, CSS, and JavaScript.
- Focused on data validation, form handling, and proper session management for login security.
- Tech: MYSQL, PHP, HTML, CSS, JS

## CERTIFICATIONS AND ACHIEVEMENTS

- Attended 7 days Python Workshop Offered by Spoken Tutorial Project, IIT Bombay.
- Complete C Programming Certification from Spoken Tutorial. **(**2022) view certificate
- **Avishkar(2023-24) :** Achieved first place at the Institute Level and Runner-Up at the zonal level in Avishkar (State Level Competition).
  Topic:IOT based smart fish farming for sustainable aquaculture.
- Research Paper published in **YMER(Scopus-indexed)** 2024. View Published Pape
  Topic : "MatsyaSanskar for Enhancing Sustainability and Efficiency in Fish Farming" .

## SKILLS

**Technical Skills**: C, C#, OOPS, Python, PHP,
**Databases**: MYSQL, DBMS, PostgreSQL, MongoDB
**Web Designing**: HTML, CSS, Javascript, React
**Software:** Visual Studio Code, Codeblocks, Microsoft Powerpoint, Wordpad

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