SANTANU BISWAS

Software Engineer | Pune, Maharashtra
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Professional Experience

Software Engineer
ASP OL Media Pvt Ltd – Pune, Maharashtra (August 2024 – Present)

- **Web Development:** Designed and developed multiple responsive web pages using HTML, CSS, and Bootstrap, improving user experience and consistency.
- **UI Issue Resolution:** Quickly identified and resolved critical UI bugs, collaborating effectively with team members.
- **Test Design & Automation:** Developed test plans and scripts, increasing test coverage and efficiency by 40%.
- **Email Templates:** Created dynamic email templates using Unlayer, Mailchimp, Klaviyo, and Beefree, working with the R&D team to optimize email delivery and engagement.

Technical Skills

- **Languages:** Java, HTML, CSS, JavaScript (Fundamentals), PHP, MySQL
- **Concepts:** Object-Oriented Programming (OOP), Data Structures, Database Management Systems
- **Tools:** Visual Studio Code, MySQL, Git, GitHub

Projects

VidTube

- Developed a partially functional YouTube clone featuring video search, playback, and interactions like likes, comments, and subscriptions.
- **Tech Stack:** HTML, CSS, JavaScript
- [Live Demo]

PS5 Store Homepage

- Created a fully responsive homepage for a PS5 business website with interactive elements like rotating images on hover.
- **Tech Stack:** HTML, CSS
- [Live Demo]

Responsive Portfolio

- Built a personal portfolio showcasing projects, education, and a contact form with backend-ready storage.
- **Tech Stack:** HTML, CSS, JavaScript
- Live Demo

IoT-Based LPG Cylinder Level & Leakage Detection System

- Engineered a smart system for real-time LPG monitoring, detecting gas leaks using IoT with ESP32 microcontroller and sensors.
- **Components:** Gas Sensors, ESP32, Mobile Application

  Documentation: [IoT-Based]

Certifications

- **JavaScript Certification** - [SCALER TOPICS]

- **DSA with Java Certification** – [Apna College]

Education

Bachelor of Technology in Electronics and Communication Engineering: Brainware University, Kolkata (2020 - 2024)

Tehatta High School, Nadia West Bengal: Class XII (WBCHSE) Class X (WBBSE) 2010 – 2018

Hobbies

Cooking, Fishing, Badminton, Photography