

# Puspak Samanta

(+91 8348259380) | [samantapuspak@gmail.com](mailto:samantapuspak@gmail.com) | Kolkata, West Bengal, India  
[linkedin.com/in/puspak-samanta/](https://linkedin.com/in/puspak-samanta/) | [github.com/Puspak29](https://github.com/Puspak29)

## SUMMARY

Final-year B.Tech Computer Science student with a solid understanding of programming, data structures, and algorithms. Interested in web development and eager to apply and further develop technical skills while contributing to efficient and reliable software solutions.

## EDUCATION

<b>University of Engineering and Management</b> <i>B.Tech in Computer Science, CGPA:8.60 (upto 6th Sem)</i>	Kolkata, India 2022-26
<b>Sekendarpur Rai K.P Pal Bahadur High(H.S) School</b> <i>Higher Secondary Education, WBCHSE, 85%</i>	Sekendarpur, India 2022
<b>Sekendarpur Rai K.P Pal Bahadur High(H.S) School</b> <i>Secondary Education, WBBSE, 75.3%</i>	Sekendarpur, India 2020

## EXPERIENCE

<b>R&amp;D Intern</b> <i>IEDC, UEM Kolkata</i>	May 2025 – July 2025 Hybrid
<ul style="list-style-type: none"><li>Contributed to developing a data-driven stock forecasting application, ensuring secure, privacy-aware, and reliable functionality</li><li>Developed and tested backend processes for data-driven features, improving feature reliability and reducing errors</li></ul>	

## PROJECTS

<b>MedHistory</b>   <i>React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Git, Github</i>	December 2025
<ul style="list-style-type: none"><li>Designed role-based access control supporting two independent user types</li><li>Developed a physician appointment platform with patient-driven booking and secure OTP-based access, preventing unauthorized access by 100%</li><li>Built a patient record management module to efficiently handle and organize medical data</li></ul>	
<b>BookVenue</b>   <i>React.js, Tailwind CSS, Appwrite, Git, Github</i>	March 2025
<ul style="list-style-type: none"><li>Created a venue management application with account registration and secure authentication</li><li>Implemented structured venue catalog pages with full data lifecycle support</li><li>Enabled a reservation workflow with venue administration features and user-accessible booking history</li></ul>	
<b>Task Manager</b>   <i>React.js, Tailwind CSS, Local Storage, FireStore, Git, Github</i>	July 2024
<ul style="list-style-type: none"><li>Constructed a task tracking application using browser storage and cloud-based database services</li><li>Delivered comprehensive task operations including creation, modification, deletion, and persistence</li><li>Added task progress monitoring to enhance productivity and workflow organization</li></ul>	

## TECHNICAL SKILLS

<b>Languages:</b> JavaScript, C++, C
<b>Front-End:</b> React.js, Tailwind CSS, HTML, CSS, Bootstrap
<b>Back-End:</b> Node.js, Express.js
<b>Database:</b> MongoDB, Firebase, Appwrite, Oracle SQL
<b>Version Control:</b> Git, GitHub
<b>Software &amp; Tools:</b> Visual Studio Code, LaTeX
<b>Platforms:</b> Linux, Windows

## CERTIFICATIONS

<b>Introduction to Generative AI for Software Development</b> <i>DeepLearning.AI</i>	April 2025
<b>Introduction to Databases</b> <i>Meta</i>	March 2025