

Puspak Samanta

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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

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

EXPERIENCE

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

PROJECTS

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

TECHNICAL SKILLS

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

CERTIFICATIONS

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