



Priti Basak

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PGT- Computer Science/HOD

Kolkata, India

Total Experience: 13 years+

LinkedIn

Current Organisation: Delhi Public School
Nov 2023 till the date

10/03/1986

Summary

Professional Javascript Developer with 3 years of experience and involved in the Product based Company which is a Fast Paced Start-up Company. Looking for an opportunity to utilize my skills to serve for the organisation which will be a mutual benefit to the organisation and my personal growth. Accustomed to learning new technologies and keeping up with the current trend.

Skills

- Javascript
- Typescript
- HTML5/CSS3
- Java
- C++
- ReactJS
- Redux
- Tailwind CSS
- Jest
- Integration Testing
- Unit Testing
- RESTAPI
- Webpack,Parcel
- Babel
- Git
- Phaser 3.6
- SQL
- Python
- Visual Studio Code
- Windows,macOS
- MS-Office

Language

- English
- Hindi
- Bengali

Strength

- Disciplined
- Introspective
- Mission Aligned

Work Experience

- Feb 2021-
Aug 2023
- Senior Associate(Game Developer) | Cuemath, Bangalore**
- Extensively worked in Javascript domain & developed multiple interactive educational products(games) to deliver a seamless UX in class to enhance LQ(Learning Quotient). Involved in Front End Development of Cuemath website & Leap platform in the product based Company which is a fast paced start-up company.
- Sep 2020-
Jan 2021
- Teacher Recruitment & Training Manager | Whitehat Jr,Mumbai**
- Involved to upskill teachers in Javascript domain to develop apps and games for the curriculum. Interviewed teachers to filter the top 0.1% of coding experts followed by scheduled training and additionally worked for coordination, recruiting, operational process and detailed record keeping.
- Aug 2017-
Aug 2020
- PGT(Computer Science) | Delhi Public School, Gaya**
- Developed and implemented a rigorous computer science curriculum for high school students(Grade 9 to 10) resulting in a 40% increase in Computer Science exam scores.
 - Taught CS for middle school students(Grade 5-8) also.
 - Designed engaging lessons that incorporated hands-on coding activities and project-based learning.
 - Facilitated a coding club for students interested in further developing their coding skills.
 - Designed and implemented performance improvement plans for underperforming students in consultation with parents and administrative staff.
 - As a member of the examination department, helped in smooth execution of multiple functionalities during examination.
- Jul 2015-
Mar 2017
- TGT(Computer Science) | Unison World School, Dehradun**
- Led a diverse group of middle school & high school students in learning computer science concepts resulting in an overall 25-30% increase in standardized test scores.
 - Developed and implemented a computer science curriculum that met the needs of a diverse group of learners & help them excel in technology.
 - Mentored IGCSE students of grade 9-10 and AS/A Level students of grade 11-12 for ICT and AICT respectively.
 - Provided individualized support to students through after-school tutoring(Evening Prep) and office hours.
 - Analyzed student data to identify areas of weakness and adjust instruction to better meet student needs.
 - As a memeber of the coding club helped students in additional IT activities.
- Jun 2012-
Jun 2015
- Associate Computer Science Teacher | Carmel High School, Kolkata**
- Taught Computer Science from grade 5 to 12.
 - Guided students to get prepared for cultural programs.
- Apr 2011-
May 2012
- Associate Mathematics Teacher | Gyan Bharti Balika Vidyalaya, Kolkata**
- Taught Mathematics from grade 5 to 10 and Computer Science in grade 11 & 12.
- Feb 2010-
Mar 2011
- Associate Mathematics Teacher | Maheswari Girls' High School, Kolkata**
- Taught Mathematics from grade 5 to 12.

Achievements

- *Raising Student Performance in Computer Science. Implemented targeted differentiation and thoughtful scaffolds resulting in higher grade students achievement in Computer Science exams.*
- *Individual Contributor for the projects in the organisation with minimal supervision.*
- *Submitted deliverables before deadline.*
- *Resolved bugs/glitches within a short span of time for seamless UX.*
- *Optimized application performance and reduced load time by 20%.*

Education

2017-2019

Bachelor of Education(B.Ed)

Maharaj Vinayak Global University,Jaipur

Percentage: 74%

2007-2010

Master of Computer Application (MCA)

Narula Institute of Technology, Kolkata

DGPA: 8.21

2004-2007

Bachelor of Science(Mathematics Hons)

Scottish Church College, Kolkata

2002-2004

Grade 12(Higher Secondary)

Ramjoy Seal Shisu Pathsala, Kolkata

2000-2002

Grade 10(Secondary)

Ramjoy Seal Shisu Pathsala, Kolkata

Projects

Food Delivery Web Application

It's a restaurant web app built using React, Redux & Tailwind. Embedded live Swiggy REST API to fetch restaurant list and restaurant menu to populate the UI layer with live data flow.Used Redux toolkit to handle the data layer (primarily for cart items) and sync the data layer with the UI layer. This web app contains features like search bar, sorting and filtering on different criteria, accordion menu for food categories, adding items to cart, deleting items from cart etc.

Movie-GPT Application

It's a movie application built using React, Redux, Firebase, Tailwind . Embedded live TMDB API to fetch movie list to populate the UI layer with popular, trending, top rated, now playing and upcoming movies. It has signup/sign in/sign out feature and only authenticated user can open the browse page of movies. User can watch the trailer of a movie once signed in. User can click on the "GPT Search" button to search for different movies by movie name, category, actors name, language, rating etc. This search process is powered by Open AI API key by integrating the power of Open AI GPT search.