



SAMARTHYA JAISWAL

Contact me



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Aadampura Thana, Pilikothi,
Varanasi, U.P.

Education

Major S.D. Singh University U.P.

Appearing Master of Computer Application
{2023 - 2025}

Microtek College of Management & Technology {MGKVP} Varanasi, U.P.

Bachelor of Computer Application
Percentile 66%
{2018 - 2021}

B. S.S. Inter College Hathiar {UP BOARD} Varanasi, U.P.

Intermediate
Percentile 60%
{2016 - 2018}

Raj English School Shivpurva {CBSE BOARD} Varanasi, U.P.

Secondary School
CGPA 6.4
{2013 - 2015}

Certification Courses

COURSE ON COMPUTER CONCEPT (CCC)

PROGRAMMING LANGUAGE CERTIFIED
JAVA COURSE

JUNIOR FULL STACK JAVA DEVELOPER
PROGRAM

CODE FOUNDATIONS SKILLS PATH

HOW TO CODE COURSE CERTIFICATION

CERTIFICATION IN HTML AND CSS CODE

Profile Summary

Dedicated and enthusiastic computer teacher and developer with three years of experience in educating students in computer science and information technology. Proficient in creating engaging lesson plans, managing classroom environments, and fostering a passion for technology among students. Adept at using various educational software and tools to enhance the learning experience.

Professional Experience

Computer Teacher

ZED SOFTWARE PVT.LTD., Varanasi, U.P.

2 Year : 2019-2021

- Designed and implemented comprehensive computer science curriculum for students.
- Taught courses on fundamental of computer, advance computer skills, programming languages, web application developments, android applications developments.
- Utilized educational technology tools such as [specific tools, e.g., Google Classroom, Zoom, Microsoft Teams] to facilitate remote and in-person learning.
- Assessed student progress through assignments, projects, and exams, providing constructive feedback to foster improvement.
- Organized extracurricular activities, such as coding clubs and technology fairs, to promote student engagement in computer science.
- Collaborated with other faculty members to integrate technology into other subject areas, enhancing interdisciplinary learning.

Junior Software Developer

ZED SOFTWARE PVT.LTD., Varanasi, U.P.

21 Months : 2021-2023

Android Developer (Enterprise Projects)

MyTasks - Task Management App

- Developed an Android application for managing tasks and to-do lists using Android Studio, Java, and Kotlin.
- Implemented features such as task creation, editing, deletion, and categorization.
- Integrated Firebase for real-time data synchronization and user authentication.
- Utilized Room Database for offline data storage and retrieval.
- Designed a user-friendly interface following Material Design principles.
- Conducted thorough testing and debugging to ensure the app's reliability and performance.

SKILLS

Programming Language:

Mobile Development:

Android Studio, Java.

Web Development:

React, Node.js, Express, HTML, CSS, JavaScript

Database Management:

MongoDB, SQLite, Firebase, Room Database

API Integration:

RESTful APIs, Stripe API, Google Fit API, Open Weather Map API

Cloud Services:

Amazon Web Services (AWS)

Development Tools:

Android Studio, Git, GitHub,

EXPERTISE

FRONTEND  80%

BACKEND  45%

TEACHING  90%

LANGUAGE

HINDI  99%

ENGLISH  70%

FitTrack - Fitness Tracking App

- Created a comprehensive fitness tracking app to monitor and record various fitness activities.
- Integrated Google Fit API to sync and display user health and fitness data.
- Developed features for setting fitness goals, tracking progress, and providing personalized recommendations.
- Used SQLite for local data storage and retrieval.
- Implemented push notifications to remind users of their fitness goals and activities.
- Conducted user testing to gather feedback and improve the app's functionality and user experience.

EventPlanner - Event Management App

- Designed and developed an Android application to help users plan and manage events.
- Implemented features such as event creation, guest list management, and budget tracking.
- Integrated Google Calendar API to sync and display event schedules.
- Used Retrofit for network calls to fetch event-related data from external APIs.
- Designed a clean and intuitive user interface with custom views and animations.
- Conducted usability testing and gathered feedback to enhance the app's user experience.

RecipeBook - Cooking Recipe App

- Built an Android application for browsing, saving, and sharing cooking recipes.
- Integrated RESTful APIs to fetch recipe data from external sources.
- Implemented search functionality with filters for ingredients, cuisine, and dietary preferences.
- Used Glide for efficient image loading and caching.
- Designed a visually appealing interface with smooth navigation and transitions.
- Conducted beta testing with a group of users to identify and fix bugs before the official release.

WeatherNow - Weather Forecast App

- Developed a weather forecasting app using Android Studio and Kotlin.
- Integrated OpenWeatherMap API to fetch and display current weather data and forecasts.
- Implemented location-based services to provide weather updates based on the user's current location.
- Used LiveData and ViewModel architecture components for efficient data handling and UI updates.
- Designed a responsive and visually appealing user interface with weather animations.
- Conducted performance optimization to ensure smooth and fast app performance.

Web Frontend Developer

(Freelance Projects)

E-Shop - E-commerce Website

- Developed a fully functional e-commerce website using HTML, CSS, JavaScript, and React for the frontend, and Node.js and Express for the backend.
- Implemented user authentication and authorization using JWT and OAuth to ensure secure access.
- Integrated a payment gateway using Stripe API to process transactions securely.
- Developed a product management system, including features for adding, editing, and deleting products, and managing inventory.
- Implemented a shopping cart and checkout system with order tracking and history.
- Used MongoDB as the database to store user information, product details, and order histories.
- Designed a responsive and user-friendly interface to provide an optimal shopping experience on both desktop and mobile devices.
- Conducted thorough testing and debugging to ensure the site's functionality and performance across different browsers and devices.
- Deployed the website on AWS, ensuring high availability and scalability.

Educational Technology:

Learning Management Systems (LMS): Google Classroom, Moodle, Canvas Virtual Classroom
Tools: Zoom, Microsoft Teams, Google Meet
Assessment Tools: Kahoot!, Quizizz, Google Forms
Interactive Learning Tools: SMART Board, Nearpod, Padlet.

Instructional Skills: Curriculum Development: Design and implement comprehensive computer science curricula for various grade levels. Lesson Planning: Create engaging lesson plans that cater to diverse learning styles and abilities. Classroom Management:

Assessment and Evaluation: Develop and administer assessments to measure student progress and provide constructive feedback.

Communication and Interpersonal Skills:

Verbal Communication: Effectively convey complex concepts in a clear and understandable manner.

Written Communication: Create detailed lesson plans, instructional materials, and reports.

Collaboration: Work collaboratively with colleagues, parents, and administrators to support student learning and school initiatives.

Mentoring: Provide guidance and support to students, helping them achieve their academic and personal goals.

Soft Skills: Adaptability: Flexible in adjusting teaching methods and materials to meet the needs of different learners.

Patience: Demonstrate patience and understanding when working with students of varying abilities.

Creativity: Utilize creative teaching techniques to make learning engaging and enjoyable.

Problem-Solving: Address classroom challenges and student issues with effective solutions.

Time Management: Efficiently manage classroom time to maximize learning opportunities.

Professional Development: Continuous Learning: Participate in professional development workshops, conferences, and online courses to stay updated with the latest educational trends and technologies.

Certifications: Earn relevant certifications to enhance teaching skills and subject matter expertise.