

MALVIKA GANDHE

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PROJECTS

Lottery Game

A game of lottery where the user places a bet and chooses a set of numbers. The application displays a set of random numbers, if the numbers match, the player wins. If not, the player loses.

Quadratic Equation and Complex numbers calculator.

An application that uses concepts of quadratic equations and complex numbers. The user can add, subtract, multiply, divide, square, find modulus and conjugates by inserting any two complex numbers in either rectangular form or in polar form. The user will also receive axis of symmetry, vertices and intercepts of the quadratic inserted by them.

Invoicing application

An application that creates invoices and handles billing details for a company.

Shopping Catalogue

An application that displays a shopping catalogue for a customer.

EDUCATION

Edmonds College

2019-2021

AA in Computer Science

CERTIFICATION

Java Developer

SKILLS

PROGRAMMING AND TECHNICAL SKILLS

- Proficient in Java and Javascript
- Proficient in Microsoft Office, Adobe Illustrator, Adobe InDesign, Adobe DreamWeaver, Photoshop, Quickbooks.
- Familiar with Python, Android app development, HTML and Microsoft Visual Basic
- Familiar with using GitHub, SQL, Apache and Django

DESIGN/DEVELOPMENT SKILLS

- Designed a web page for an architectural company, RG Design Studio
- Developed a mini lottery game with a database management system
- Developed a quadratic equation and complex number calculator application
- Developed an invoicing application
- Worked in a group to develop a shopping catalogue application

DOCUMENT SKILLS

- Demonstrable technical writing and editing skills, with the ability to explain complex concepts and processes clearly and effectively
- Ability to organize information logically and to sequence procedure steps.
- Ability to quickly grasp complex technical information and clearly document it with a level of detail appropriate for the audience.

SOFT SKILLS

Critical thinking, creativity, problem-solving, patience, management, adaptability, empathy, open-minded, strategic networking and exceptional communication skills with various kinds of people.