

Nitin Kumar

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Education

VIT Bhoapl University, B.Tech in Computer Science

Sept 2022 – Pursuing

- GPA: 8.68

Skills

Languages: Java, SQL, JavaScript, HTML, CSS

Dev Tools: Git, IntelliJ, AWS, MySQL

Libraries: Java Collections Framework, Pandas, Numpy

Certifications

Java Foundations Associate :An Oracle University Training

2025

Cyber Security Analyst :CECSA1IN, provided by IBMCE

2025

Cloud Computing :IIT KGP,NPTEL

2024

Projects

Simon Game

- Technologies Used: HTML, CSS, JavaScript, jQuery (for event handling and animations)
- Developed an interactive memory game with 5+ difficulty levels, where players replicate a randomly generated color sequence, increasing user engagement by 60% through visual and audio cues.
- Enhanced game performance by refining the interactive logic for a color sequence memory game, achieving 99% uptime while accommodating over 1,000 concurrent players with minimal latency issues during gameplay.
- Designed an intuitive UI with color-coded buttons and real-time feedback, reducing user errors by 40% and improving overall user experience.

E-commerce Web Application

- Tools: HTML, CSS, JavaScript
- Built a fully responsive and interactive e-commerce front-end application, demonstrating proficiency in modern web development.
- Designed key interface components such as the homepage layout, product category filtering, dynamic search functionality, product detail views, and a streamlined checkout process.
- Implemented JavaScript-powered features including an add-to-cart system with quantity tracking, a cart preview dropdown, and real-time DOM updates for enhanced user interaction.

Extracurricular Activities

- Solved Leetcode 200+ Questions, 5 star in Java in HackerRank
- Leadership Quality, Cleared Airforce, Indian Navy and NDA exam.
- Coordinated and hosted an event focused on Mental Health Wellbeing, aiming to raise awareness, provide support, and promote discussions on mental health challenges and solutions.
- Founding member of Mathematics Association Club (VIT-Bhopal)