

NIRMALKUMAR NIKAM

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Education

VJTI, Mumbai

Bachelor of Technology in Electronics and Telecommunication

Jan 2021 – current

Mumbai

Skills

Programming Languages: C++

Tools, Software, and Additional Skills: DSA, MySQL, OOP, OS, HTML, CSS, JavaScript, ReactJS

Projects

MOVIECAT

ReactJS, HTML, CSS, JavaScript

Team of 4

- **GitHub:** <https://github.com/nirmalkumarnikam/MovieCat>
- **WebApp:** <https://moviecat-cd495.web.app>
- Designed and developed a WebApp for users to review movies, watch trailers, and read reviews.
- Deployed React Framework to create a dynamic navigation bar, resulting in seamless page transitions, zero reloads, and a 20% increase in user engagement and retention
- Enhanced user experience and reduced loading time by 40%, significantly improving WebApp performance.

QuantumQueue

Operating System, C++, Basics Of DSA

Indivisual

- **GitHub:** <https://github.com/nirmalkumarnikam/QuantumQueue>
- Implemented multiple CPU scheduling algorithms including FCFS, RR, and Aging in C++.
- Developed variable quantum and multi-level priority scheduling to optimize CPU performance and reduce wait times.
- Designed comprehensive simulation framework to analyze and visualize scheduling policy performance.

DANCE ACADEMY

HTML, CSS

Indivisual

- **GitHub:** <https://github.com/nirmalkumarnikam/Dance-Academy>
- Developed a responsive web application for a Dance Academy to showcase achievements and promote the academy; boosted online registrations by 40%
- Optimized website responsiveness by 30% for mobile devices, tablets, and computers, ensuring a seamless user experience across all platforms.

Achivements

MSIC State Selection | Certificate

Nov 2023

- Secured First Rank in college-level Hackathon with a score of 96.2% among 200 Teams
- Winner of District-level Pitching Competition for developing an Automated Chessboard project competing against 50 teams.
- Selected for State-level Pitching at MSIC, representing top 10 district-level winners.
- Awarded 1,00,000 prize money for further development of the Automated Chessboard product by the Maharashtra Government.

Leadership / Extracurricular

GDSC-VJTI | Web-Dev Lead

AUG 2023– present

- Led web development team in organizing workshops, hackathons, and events.
- Collaborated with other GDSC leads and members to promote technical learning and skill-building within the community, leading to a 20% growth in active members..
- Created and delivered interactive workshops, resulting in a 35% increase in skill-building session attendance.

TECHNOVANZA VJTI | PR Executive

Dec 2021– Apr 2023

- Executed the annual Guest Lecture and Exhibition campaign.
- Persuaded more than 15 renowned guests and organizations to participate and exhibit their progress in our event (ISRO, Paras Defence, LIGO, BARC, etc.)
- Brought in 45,000 visitors, increasing visitor count by 300%, making it Mumbai's largest tech event.