

Burhanuddin Nasikwala

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WORK EXPERIENCE

- Alpha MD Intern** (May 2024) Mumbai, MH
- Entered and managed patient data with accuracy and efficiency.
 - Studied Electronic Health Records (EHR) and ABDM (Ayushman Bharat Digital Mission) framework.
 - Researched PPG (Photoplethysmography) technology for telemedicine applications.
 - Conducted data analysis using Power BI to generate insights.
- MapOut App Testing Intern** (Dec 2023) Virtual
- Tested the learning app daily to ensure functionality and performance.
 - Identified and reported bugs to improve user experience.
 - Provided insights and feedback for app updates and enhancements.
- Team Everest Content Writing Intern** (May 2023) Virtual
- Wrote engaging stories to aid children's learning.
 - Volunteered to contribute to educational content for underprivileged kids.

EDUCATION

- Kishinchand Chellaram College, HSNCU** Mumbai, MH
Bachelor of Science (B.Sc), Computer Science **Ongoing**, GPA: 9.8/10
- Bhavans HS Junior College** Mumbai, MH
Senior Secondary (XII), Maharashtra State Board **Completed**: Feb 2023
Received Gold Medal for Academic Excellence for securing 1st Rank in College **Percentage**: 79.50%
- Lourdes High School** Kalyan, MH
Secondary (X), Maharashtra State Board **Completed**: Mar 2021
Percentage: 83.00%

PROJECTS

- [Tech Club Website ↗](#)** (Sep 2024 - Dec 2024)
The project involves building a dedicated website for the tech club, designed to serve as the central platform for showcasing our activities, events, achievements, and resources. As the Project Manager and head of the website team, I am responsible for guiding our FY team members through the development process. The website is also used during the annual tech fest, being as a medium to showcase the events and a place to register from. The project served overall 500+ users.
- Real-time dashboard for live quizzes** (May 2024)
Developed a secure, real-time dashboard for live quizzes, enabling dynamic visualizations.
- Bank/Wallet web app** (Dec 2023 - Feb 2024)
Using Firebase made a bank/wallet web app to Add/Remove & transfer funds (Virtual Money)
- Monte Carlo estimation of PI** (Sep 2023 - Jan 2024)
Implemented the Monte Carlo estimation of PI using Java, JavaScript and Python.
- [Cluedo Cards ↗](#)** (Nov 2024)
A digital version of the classic mystery board game, allowing players to host or join game sessions with different themed editions. Players can use private room codes, reveal clues, and solve mysteries without needing physical cards. The app features smooth user management, room codes for private sessions, and interactive card reveals. Players can easily toggle between hiding and showing clues, and the host has dedicated controls to manage players and distribute game cards seamlessly. Perfect for friends who want to play without physical cards.
- [AM4 Fuel Forecast ↗](#)** (May 2023)
AM4-Fuel-Forecast is a Discord bot specifically developed for the Regius Alliance in the Airline Manager 4 game. This bot provides fuel and CO2 price forecasts, pulling data from a database and delivering it in an aesthetically pleasing format.

- [Conway's Game of Life using p5.js ↗](#) (Nov 2023)
Made Conway's game of Life using the p5.js library. A simple fun project to learn more about algorithms and p5.js

- [Responsive Website for Ekhande Impex Ltd. ↗](#) (Jul 2024 - Sep 2024)

🎨 Designed and developed a fully responsive and visually engaging website for Ekhande Impex Pvt. Ltd. using HTML, CSS, JavaScript, and Bootstrap. 🖥️ The project involved implementing modern web design principles to ensure cross-browser compatibility and optimal performance on all devices. 🌐 The website features interactive elements and seamless navigation, showcasing my ability to create professional-grade web solutions. 🚀

- **Mini Spherical Display** (Feb 2025 – Present)
A research project done under the Science Honors Program. This project explores a novel method for visualizing LED displays by simulating a mini spherical display in Blender. It focuses on projection mapping techniques to accurately display images on a curved surface. The research will bridge digital simulation and real-world implementation using microcontrollers and WS2812B 2020 LEDs. The ultimate goal is to build a functional mini spherical display for dynamic animations and artistic applications.

- **Twitch Chat Bot** (July 2021)
Developed a bot for Twitch to automate messages, share social media links, and respond to viewer commands, enhancing real-time community interaction using Twitch's API.

SKILLS

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|--------------|----------------|---|
| • HTML | • SQL | • Java |
| • CSS | • MySQL | • Processing |
| • Bootstrap | • SQLite | • Graphic Design using Paint.Net/Inkscape/Canva |
| • JavaScript | • Python | • Problem Solving |
| • Node.js | • C# | • MS-Office |
| • APIs | • Unity Engine | |
| • Firebase | • C++ | |

EXTRA-CURRICULAR ACTIVITIES

- Keen interest in coding and Data.
- Volunteering in the IT Department of Masjid.
- Keen interest in Data Management viz. Databases, SQL, Excel.
- Club President of Tech Club at KC College for the academic year 2024-2025. Under which I was also the website team head and the project manager.
- Successfully hosted Fiestron 24-25, a 2-day tech fest with 400+ participants, 700+ attendees, and a team of 100+ volunteers.
- Hosted 4 individual events in Fiestron'24 (Tech Fest) at KC College.

ACHIEVEMENTS

- A National Champion in the Spell Bee Competition.
- Won 1st place in HireHunt (Mock Interview) in RUIA College.
- Won 1st Place in Speed Typing Competition in SIES College.
- Won 1st Place in Speed Typing Competition in KC College SciCode #25.
- Won 1st Place in Coding Competition in KC College Systematic Chaos 2025.
- Won 1st Place in Coding Competition in Mithibai College.
- Won 2nd Place in Scratch Coding Event in Mithibai College.
- Won 3rd Place in Pitch an Idea in KC College Fiestron 24-25.
- Presented a paper in the Anubhav Research Event 2024 on the topic of 'Dangers of Digital Identity Systems'.
- Presented a paper in the Anubhav Research Event 2025 on the topic of 'The Role of AI In Crisis Management and Disaster Response'.