

ABDURREHMAN NARMAWALA

Computer Engineer

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SUMMARY

I am a second-year Computer Science Engineering student with a solid foundation in programming and a strong passion for problem-solving. With expertise in various programming languages and full-stack development, I continuously seek to learn and adapt to new technologies. I have successfully worked on multiple projects, driving innovation and effective solutions in both desktop and web applications

EDUCATION

SSC

G.L.S. Sec. & High Sec. School

Ahmedabad, India

04/2019 - 03/2021

HSC

Blue Bell Higher Sec. School

Ahmedabad, India

04/2021 - 03/2023

Bachelor of Technology in Computer Science & Engineering

L. J. University

Ahmedabad, India

04/2023 - 03/2027

STRENGTHS

AI-Driven Development

Advanced proficiency using AI tools to research, prototype, generate code, and accelerate development workflows

Full-Stack Engineering

Strong experience building both desktop and web applications across Java, Python, and MERN stacks

Product Focus

Deliverables oriented — from UI/UX to persistence, automated reporting, and deployment readiness

Data & Automation

Practical experience with data manipulation, automated PDF reporting, and cloud backup/automation

SKILLS

Adobe Flash, Agile, Animation, API Design, Bootstrap, CSS, CSV, D3.js, Data Structures, Django, Docker, ECommerce, ES6, Git, GitHub, Google Drive, HTML, Java, Java Spring, JavaScript, JDBC, JWT, MongoDB, Matplotlib, Modular, Numpy, OAuth, Pandas, PostgreSQL, Python, React, REST, SpringBoot, SQL, Swing, Tailwind, Node.js, Express.js, Versatile, Socket.IO

PROJECTS

AC Management System

03/2024 - 05/2024

AC Management System — Desktop Application

- Built a robust desktop application to manage clients and service schedules for an AC service business
- Implemented CRUD operations for client records and service packages; advanced search by client name or service date
- Automated scheduling to calculate next service dates and support timely follow-ups
- Integrated JDBC/MySQL for reliable, persistent storage; designed the application for future feature extensions

Fashion Hub

08/2024 - 01/1970

Fashion Hub — University Project (E-commerce Frontend)

- Developed a responsive e-commerce site with categorized catalogs (Men/Women/Kids), intuitive navigation, and custom loader animation
- Implemented search, filtering, and a persistent shopping cart (LocalStorage) with add/view/remove item flows
- Created basic authentication flows (signup/login) and a timed flash-sale section with countdown and discount tags
- Focused on UX, maintainable external CSS, and extensible hooks for data visualization

S.R. Agency

01/1970 - 01/1970

S.R. Agency — Flagship Business Management Software

- Developed an end-to-end desktop solution for a wholesale/retail agency encompassing billing, inventory, customer/supplier management, and reporting
- Automated invoice generation (PDF), printable bills, and maintained transaction histories
- Ensured inventory updates on sales/purchases and crafted a modular architecture for maintainability
- Integrated a business analysis module for sales trends and customer segmentation along with exportable PDF reports

PROJECTS

Doctor-Patient Portal

01/1970 - 01/1970

Doctor-Patient Portal — MERN Stack Telemedicine Platform

- Built a secure telemedicine platform with role-based access, dashboards, and real-time chat
- Implemented authentication mechanisms (JWT plus Google OAuth) and role-specific functionalities
- Developed appointment scheduling and file upload/download features for medical reports
- Created an AI-powered health summary feature to assist in follow-ups and triage