ARSALAN BOTAWALA

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PROFESSIONAL SUMMARY

Full-Stack Developer pursuing M.Sc. IT (Software Development), with a B.Sc. IT (CGPA 7.0) from Gujarat University. Builds and deploys full-stack applications using Next.js, React, Node.js, Express, MongoDB and Firebase. Hands-on experience with REST APIs, JWT authentication, Razorpay payment integration, and cloud deployment on Vercel and Render.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), Python, C++, SQL, HTML5, CSS3
Frontend: Next.js, React, Tailwind CSS, Bootstrap, Redux, responsive design, UI/UX
Backend: Node.js, Express.js, REST APIs, JWT authentication, Mongoose
Database & Cloud: MongoDB, Firebase, MySQL, Vercel, Render, Cloudinary
Payments & APIs: Razorpay, Resend, Twilio, FFmpeg
Tools: Git, GitHub, VS Code, Figma, Postman, Arduino IDE

EXPERIENCE

Web Development Intern | Elevance Skill, Bangalore (Remote) Jan 2025 – Mar 2025

- Built full-stack projects: a YouTube-style video platform and a Myntra-inspired e-commerce app.
- Implemented responsive UIs, REST APIs, JWT authentication, search/filter workflows, and cloud deployment.

PROJECTS

YouTube — Video Streaming SaaS Platform | *Next.js, Express, Firebase, Razorpay, FFmpeg*

- Built a full-stack video platform with user authentication, uploads, playback, and cloud storage.
- Implemented FFmpeg transcoding, Resend OTP email authentication, Razorpay subscriptions, Cloudinary/Multer uploads, and Vercel/Render deployment.

StyleCart — Fashion E-Commerce Platform | *MERN Stack, Firebase, JWT, Tailwind CSS*

- Developed a Myntra-inspired storefront with search, filters, cart, wishlist, category pages, and responsive product galleries.
- Built order management, Razorpay payments, an admin product panel, and REST APIs using Express, MongoDB, and Firebase Auth.

StayEase — Hotel Booking & Management System | *MERN Stack, Bootstrap, REST APIs, JWT*

- Built responsive hotel search and booking with city/date filters, live availability validation, pricing, sorting, ratings, and reviews.
- Implemented a secure JWT user dashboard and admin room/booking management.

DevFolio — Developer Portfolio | *Next.js, TypeScript, Tailwind CSS, Radix UI, Vercel*

- Built and deployed a responsive portfolio with 10 reusable TSX components and Home, About, Skills, Projects, and Contact pages.
- Added themes, SEO metadata, Framer Motion, image optimization, and an API-route contact form.

EcoSort — Smart Wet & Dry Waste Segregation Dustbin | *Arduino, IoT, Sensors*

- Engineered an automated bin using Arduino Uno, moisture sensor, HC-SR04, IR sensor, and two SG90 servo motors.
- Programmed touchless 0–30 cm detection, wet/dry classification, and servo-controlled lids with three-second auto-close.

EDUCATION

Integrated M.Sc. IT (Software Development) — Pursuing 2026 – Present
Gujarat University, Ahmedabad

B.Sc. IT (Software Development) — Completed 2023 – 2026 | CGPA: 7.0
Gujarat University, Ahmedabad. Relevant Coursework: DSA, DBMS, Operating Systems, Computer Networks, Software Engineering, IoT & Embedded Systems