

# Brijesh Patolia

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## EDUCATION

### SV-NIT,SURAT

B.TECH IN ELECTRONICS  
ENGINEERING

CGPA: 7.90 / 10.0  
2022-2026

### PUNA INTERNATIONAL

CLASS 12 : 9.75/10.0

### EURO SCHOOL

CLASS 10 : 9.0/10.0

## HACKATHONS

**2024** Winner of Web-A-Thon  
Organized by SV-NIT, this open  
competition focused on creating web  
apps for real-life business needs.

## COURSEWORK

Python Programming  
Micro-processor and  
Micro-controllers  
Data Structure and Algorithm (DSA)  
OOPS  
Operating System (OS)

## SKILLS

### PROGRAMMING LANGUAGES

TypeScript • C++ • Python •  
JavaScript

### BACKEND DEVELOPMENT

Express • Hono  
Node.js • REST APIs • Turborepo  
• npm • Redis  
WebSockets • Pub/Subs

### FRONTEND DEVELOPMENT

Next.js • React • Three.js • Tailwind  
CSS

### DATABASES

PostgreSQL • MongoDB • MySQL  
Prisma ORM • Prisma Accelerate

### CLOUD & DEVOPS

AWS (EC2, S3, Lambda) • Docker  
Kubernetes • Kafka • Prometheus  
Grafana • Cloudflare Workers  
Git • CI/CD • Nginx

## EXPERIENCE

### SOFTWARE DEVELOPMENT ENGINEER (SDE) : NOMOREDE

May 2024 – July 2024

Engineered the frontend using Next.js for a fashion tech company's website.  
Collaborated with the CTO to design and build the backend using FastAPI,  
accelerating feature deployment by 30% and documented the API using  
Swagger.

Devised and executed SEO strategies using Google Analytics and Search  
Console.

**Website:** Nomorede.com — Over 5,000 people joined the waitlist!

## PROJECTS

### FULL STACK LEARNING MANAGEMENT SYSTEM (LMS)

React, Node.js, MongoDB, JWT, Razorpay

- Developed a scalable LMS with a React frontend and Node.js backend.
- Utilized JWT for secure authentication.
- Integrated Razorpay for seamless course transactions.
- Designed an intuitive user interface that incorporated feedback
- Ensured efficient data management and reliable content delivery.

### DESIGN-WITH-SPARK: AI-POWERED FASHION DESIGN WEB APP | PROJECT LEAD & SOFTWARE ENGINEER

ReactJS, Tailwind CSS, NodeJS, ExpressJS, MongoDB Cloud, AI Image  
Generation, Three.js

- Spearheaded the development of an AI-driven fashion design app with ReactJS and NodeJS.
- Employed Three.js for 3D rendering of apparel.
- Integrated AI image generation for custom design creation.
- Established a secure user authentication system.
- Designed a responsive dashboard for users and designers.

### PAY WALLET: FULL STACK DIGITAL WALLET MONOREPO | USER & MERCHANT APPS

ReactJS, Next.js, Prisma, Webhooks, JWT, Custom Bank API, NextAuth,  
Turborepo, Docker

- Created a secure wallet with separate user and merchant apps.
- Built custom on-ramp transactions using a dummy bank API and webhooks.
- Combined apps and Express server in a monorepo with Turborepo.
- Used NextAuth with cookies for authentication and Prisma for database.
- Dockerized the app and deployed it with CI/CD pipelines.
- Displayed transactions in user-friendly dashboards.

## LEADERSHIP EXPERIENCE

### FINANCE & DOCUMENTATION CO-HEAD , Mindbend Techno-Managerial Fest

Oversaw financial strategies and managed budgeting and financial  
documentation for Gujarat's largest techno-managerial fest.

Managed and allocated a total fund of 25 lakh for the fest, overseeing budget  
distribution, sponsor relations, and financial reporting.

Optimized procedural efficiency with a revamped documentation framework  
for streamlined operations and record-keeping.