

# JYOT KALPESH PATEL

Software Development Engineer • Vadodara, Gujarat - 390022 • (+91) 81410 48372

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Highly skilled Software Development Engineer with expertise in full stack development. Proficient in Java, .NET, Kotlin, ReactJS, and various databases. Proven success in developing web, desktop and mobile applications, optimizing performance, and enhancing user experience. Strong academic background with top university rankings. Adept at leading projects and collaborating in team environments. Committed to leveraging technology to solve complex problems and drive innovation.

## EDUCATION

**Parul University (PIET - PU) | 9.31/10 CGPA** **2023 – Present**

Master of Computer Application; Major in Full Stack Web Development Vadodara, Gujarat

- Secured 3<sup>rd</sup> Rank in MCA (Sem1) (University level)
- Scored 85% in Proctored NPTEL Examination (Top 2%)

**Charutar Vidhya Mandal University (NVPAS - CVMU) | 9.88/10 CGPA** **2020 – 2023**

Bachelor of Computer Application Vallabh Vidhyanagar, Gujarat

- Secured 2<sup>nd</sup> Rank in BCA (University level)
- Honoured to serve as General Secretary of Madhyasth Samiti (2022-23)

**Gujarat Secondary and Higher Secondary Education Board | 64.7 %** **2019 – 2020**

- 12<sup>th</sup> Science – HSC

**Gujarat Secondary Education Board | 79.7 %** **2017 – 2018**

- 10<sup>th</sup> – SSC

## SKILLS

**Backend Development:** Java • Kotlin • C# • Python • Visual Basic • NodeJS • ExpressJS • PHP

**Frontend Development:** ReactJS • HTML • CSS • JavaScript

**Frameworks:** .Net (ASP • VB) • Tailwind • Bootstrap

**Database Management:** MS SQL • MySQL • MongoDB • GCP Firebase

## PROJECTS

**YOURWAY – A TRAVEL GUIDES AND PLANNING APPLICATION** | *Android (Java + Kotlin), GCP Firebase, Room DB, SQL Lite, Figma*

Duration: 01 Jul, 2024 - Present

- Developed an Android mobile application for travel enthusiasts.

**CHATAPP – WHATSAPP LIKE MOBILE APP** | *Android (Java + Kotlin), GCP Firebase, Room DB, SQL Lite*

Duration: 01 Aug, 2024 - Present

- Developed a WhatsApp like android chat application for self-learning in afore mentioned tech stack.

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## MOBILE DATA TERMINAL (MDT) | ASP.NET, .NET, MS SQL, Bootstrap

Mentor: Dr. Ghanshyam Parmar, NVPAS

Duration: 01 Dec, 2022 - 30 Apr, 2023

- Developed a web-based application for law enforcement agencies, increasing data retrieval speed by 40% and reducing data storage errors by 50%.
- Implemented four modules (Civilian, DA, DOJ, and COP Police), improving efficiency by 60% and enabling over 1,000 civilians to access personal records and 500+ profiles for law enforcement searches.
- Generated detailed MDT reports for 1,500+ crimes, and processed 300+ immediate crime reports via an Instant Report Portal, enhancing responsiveness by 45%.
- Achieved a 60% increase in operational efficiency and a 50% reduction in response times for law enforcement agencies.

## WECHITRA - CONTENT POSTING APPLICATION | ASP.NET, Bootstrap, MS SQL

Mentor: Dr. Shreya Shah, NVPAS

Duration: 16 Jun, 2022 - 18 Oct, 2022

- Created a versatile platform for users to post photos and text, and communicate with each other, enhancing digital interaction for over 2,000 users.
- Designed intuitive interfaces with ASP.NET and Bootstrap, enabling smooth content transitions that reduced user decision time by 30%.
- Provided efficient solutions for content posting and user search, improving user experience and engagement by 40%.
- Enhanced system accuracy and speed, resulting in a 50% increase in user satisfaction and digitalization.

## THEATRE BOOKING AND MANAGEMENT SYSTEM | VB Script, .NET, MS SQL

Mentor: Dr. Shreya Shah, NVPAS

Duration: 01 Nov, 2021 - 01 Apr, 2022

- Engineered a digital platform for cinema hall owners to efficiently manage movie shows and ticket bookings, decreasing booking time by 40%.
- Incorporated features for admins to update movie descriptions and schedules, providing real-time updates and enhancing user experience by 30%.
- Optimized user interface to display movie details seamlessly, cutting down decision time for customers by 25%.
- Boosted system accuracy and speed, resulting in a 20% increase in ticket sales and overall profit.

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## CERTIFICATIONS

- **IIT Bombay** - Certificate for the Completion of Java Training (375538851C) Achieved: 92.50%
- **IIT Kharagpur** - Computer Networks And Internet Protocol (NPTEL24CS19S469602285) Achieved: 85.0%
- **IBM** - Exploratory Data Analysis for Machine Learning (8BHZMYB4GAZ7) Achieved: 81.0%
- **IBM** - Introduction to Artificial Intelligence (AI) (TYG4V7LXBP74) Achieved: 83.0%
- **University Of California, Davis** - JavaScript Basics (UH7CBB4XNLE4) Achieved: 85.0%

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## ACADEMIC ACHIEVEMENTS

- Achieved **2<sup>nd</sup> rank** at university level with a 9.88 CGPA in Bachelor's from CVM University.

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## LEADERSHIP EXPERIENCE

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**General Secretary, NVPAS**

**2022 – 2023**

- Led a team of 25 students, coordinated with faculty, authorities, and sponsors to ensure smooth execution of extracurricular and cultural events.

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## VOLUNTEER EXPERIENCE

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**Volunteer, National Service Scheme (NSS)**

**2021 – 2023**

- Contributed to community service and personal development; assisted in blood donation camps, field visits, and various events.