Joy Patel
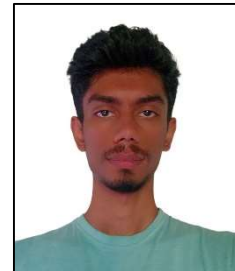
Web Developer | Engineering Mindset | MSc Computing Candidate

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Birthdate: 20 November 2001
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PROFESSIONAL SUMMARY

Passionate and results-driven Web Developer with expertise in full-stack development, UI/UX design, and cybersecurity. Skilled in developing responsive, secure, and high-performing web applications. Strong analytical and problem-solving abilities with hands-on experience in software development, API integration, and data security. Always eager to learn and adapt to emerging technologies.

TECHNICAL SKILLS

- **Programming:**   Python, Java, C#, PHP, HTML, CSS, JavaScript
- **Databases:**   MySQL, SQLite, NoSQL
- **Web Development:**   Full-Stack Development, UI/UX Design, API Integration
- **Tools & Platforms:**   Git, GitHub, GitLab, VS Code, Visual Studio, WordPress
- **Cybersecurity:**   Ethical Hacking, Web Security, Network Security
- **Data Analysis:**   Power BI, SQL, Data Visualization
- **Machine Learning:**   Fundamentals, Model Implementation

EDUCATION

Madhuben & Bhanubhai Patel Institute of Technology (MBIT), Gujarat, INDIA
Bachelor of Engineering (B.E.) – Computer Engineering (4-Years)
06/2020 – 06/2024 (7.14 CGPA)

- Gained a strong foundation in hardware and software concepts, focusing on programming, networking, and system design.
- Hands-on experience in C, C++, Python, Java, and web technologies including HTML, CSS, JavaScript, and PHP.
- Proficient in SQL and Power BI, with expertise in data analysis and database management.
- Explored cybersecurity principles, microcontrollers, and system architecture, enhancing problem-solving abilities.
- Developed technical and analytical skills through internships and projects, preparing for a career in web development and cybersecurity.

LANGUAGES

English – Hindi – Gujarati

WORK EXPERIENCE

Ultron Technologies – Anand, Gujarat, INDIA
PHP Developer (Intern)
- Developed a Travel Agency Booking System with interactive animations to enhance user engagement.
- Successfully completed two minor projects and a major live project, Tourism Management System, implementing secure authentication and optimized database queries.
- Strengthened expertise in PHP, MySQL, JavaScript, and modern web frameworks while improving problem-solving skills.

Perfect Software – Nadiad, Gujarat, INDIA
Web Developer (Intern)
- Developed a Library Management System, improving my skills in HTML, CSS, JavaScript, and backend integration.
- Gained hands-on experience in front-end and back-end development, learning HTML from beginner to advanced levels.
- Strengthened problem-solving abilities and gained real-world exposure to software development processes.

PROJECTS

- NFC-Based Attendance System – Automated attendance tracking using NFC.
- Arduino RC Car using NRF24 Module – Remote-controlled car with wireless module.
- Weather App – Real-time weather updates using API integration.
- E-Commerce Website – Secure, user-friendly online shopping platform.
- Animated Landing Page – Engaging, interactive web page with dynamic animations.

CERTIFICATIONS & TRAINING

- Programming for Everybody (Getting Started with Python) – University of Michigan (Jul 2022)
- Initiating and Planning Projects – University of California, Irvine (Jul 2022)
- Peer-to-Peer Protocols & Local Area Networks – University of Colorado System (Jul 2022)
- Introduction to Web Development – University of California, Davis (Feb 2023)
- Smart Cities – Management of Smart Urban Infrastructures – EPFL (Mar 2023)
- Machine Learning with Python – IBM (Mar 2023)
- Introduction to DevOps – IBM (Mar 2023)
- Cryptography – University of Maryland, College Park (Sep 2023)
- Introduction to IoT and Embedded Systems – University of California, Irvine (Sep 2023)
- Software Engineering Job Simulation – Forage (May 2025)
- Solutions Architecture Job Simulation – Forage (May 2025)

INTERESTS

Research & Innovation, UI/UX Design, Game Development, Software Engineering, Cloud Computing, Automation, Data Analytics, Technology Trends, Problem Solving, Travel & Cultural Exploration, Photography, Video Games, Continuous Learning, Tech Blogging.