

# RITIKA PANDURANG BHAGYAWANT

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## SUMMARY:

Experienced Software Developer with hands-on expertise in building secure, scalable, and production-ready web applications using Python, C#, .NET, Django, React, and Angular. Skilled in developing RESTful APIs with JWT-based authentication, integrating third party services such as Razorpay and hotel APIs, and deploying applications on AWS. Strong background in database design and optimization using Microsoft SQL Server, MySQL, and MongoDB, with proven ability to handle end-to-end development and resolve production issues.

## SKILLS

- **Frontend Technologies:** HTML, CSS, JavaScript, React.js, Angular
- **Programming Languages:** Python, C++, PHP, C#, JAVA
- **Frameworks & Libraries:** Bootstrap, .NET
- **Databases:** MySQL, MongoDB, Microsoft SQL Server
- **Tools & Platforms:** Git, GitHub
- **Data & Analytics Tools:** MS Excel

## EDUCATION

- Masters in Python Full Stack Development | IT Vedant
- Bachelor of Science (B.Sc.) in Physics | Sathaye College of Arts, Commerce and Science

## WORK EXPERIENCE:

### Software Developer Intern September 2025 – January 2026

Design Accent Limited, Goregaon (W), Mumbai

- Working on **end-to-end full-stack web application development**, building scalable backend services using **.NET (C#)** and dynamic, responsive user interfaces using **React and AngularJS**.
- Designing and implementing **secure RESTful APIs** with **JWT-based authentication**, role-based access control, and structured request-response handling to support multiple user roles and admin workflows.
- Developing and managing **Super Admin dashboards** that enable centralized control over users, content, configurations, and system reports, improving operational efficiency and system usability.
- Designing, optimizing, and maintaining **Microsoft SQL Server databases**, including table structures, stored procedures, and query optimization to ensure data integrity and high performance.
- Implementing **OTP-based authentication and email verification workflows**, along with **Firebase integration** for device token management and notification handling, enhancing application security and user engagement.
- Actively working on **live production projects**, independently handling complete modules from requirement analysis to deployment, while collaborating with **clients and internal teams** to ensure timely and high-quality feature delivery.
- Deployed and managed application components on **AWS**, including hosting, environment configuration, and basic server management to support production and staging environments.
- Debugged and resolved **production and staging issues**, identifying root causes across frontend, backend, and database layers.

### Web Developer Intern August 2025 – September 2025

Rayds Services Limited, Malad (W), Mumbai

- Created a WhatsApp BOT which send message through Postman API with the help of node.js, Express, MySQL Database, JS, HTML, CSS connected that with SQL database for sessions details
- Created a WhatsApp login scanner QR code via WEB so that my end user will scan the code register the session and send the BOT message via POSTMAN API
- Designed and developed 2+ responsive web pages for white-label clients.

## **Analyst May 2024-July 2025**

Health prime international service limited, Andheri(E)

- Designed and implemented a CRUD (Create, Read, Update, Delete) application in Python to manage patient medical records to make changes in Invoices and represent graphical representation
- Utilized Flask/Django SQLite/MySQL to build a backend system with RESTful API endpoints.
- Analysed healthcare claim reports to identify patterns in denials, rejections, and approvals, providing actionable insights to improve claim acceptance rates.
- Processed and cleaned large volumes of claim data using Python (pandas, NumPy) for trend analysis and root cause identification.
- Built automated scripts to generate weekly denial reports, reducing manual effort and improving turnaround time by X%.
- Created visual dashboards (matplotlib / seaborn / Power BI / Excel — choose what you actually used) to present KPIs such as denial reasons, claim cycle time, and resolution outcomes to stakeholders.
- Integrated form validation and error handling, improving data accuracy by [X% or number of errors avoided].

## **PROJECTS**

**Flight Booking System | Django, Python, SQL, JavaScript | [LINK](#)**

- Developed a full-stack flight booking platform with secure user authentication (login & registration).
- Implemented advanced flight search and filtering for improved user experience.
- Designed interactive seat selection with a visual layout and dynamic class-based pricing (Economy, Business, Premium).
- Enabled real-time seat availability and booking management.
- Created custom SQL functions and database views (e.g., flight attendants) to optimize data access and performance.
- Built an admin dashboard to manage aircraft, flights, crew, and bookings.
- Integrated Razorpay for secure and seamless online payments.

**News Management System | Django, Python, SQL, JavaScript, Razorpay API | [LINK](#)**

- Designed and implemented a terminal-based application to manage news articles with full CRUD functionality.
- Structured data storage using file handling and in-memory data structures (lists and dictionaries).
- Enabled dynamic operations to add, view, edit, and delete news entries.
- Implemented input validation and robust error handling for reliable user interaction.
- Focused on clean, modular, and reusable code to improve maintainability and scalability.

**Aviation Database | MySQL**

- Designed and managed relational tables for airlines, aircraft, flights, crew, and crew members to model airline operations.
- Created database views (e.g., flight attendants) to enhance data accessibility and insights.
- Inserted 75–80 sample data entries for comprehensive testing and analysis.
- Developed custom SQL functions to improve data retrieval efficiency and overall database performance.

**E-commerce Web Portal (Fitness & Outdoor Gear UI Clone) | HTML, CSS, Bootstrap | [LINK](#)**

- Developed a responsive e-commerce website UI for fitness and outdoor gear, including gym equipment, activewear, trekking shoes, bags, bicycles, and sports accessories.
- Implemented Add to Cart functionality and a search bar for smooth product browsing.
- Integrated Google Maps to help users locate the nearest physical store for offline purchases.

## **CERTIFICATION COURSES**

- Core Web Design (HTML, CSS, JavaScript, Bootstrap) | IT Vedant — June 2025
- SQL | IT Vedant — June 2025
- Django | IT Vedant — June 2025
- Web Development using HTML & CSS | CEWDHT1IN (IBMCEP Certified) — June 2025
- SQL | CEWDHT1IN (IBMCEP Certified) — June 2025
- Python Programming | CEWDHT1IN (IBMCEP Certified) — June 2025