

# Rishita Bhatt

[bhatrrishita](#) | [rishita-bhatt](#) | [rishitabhatter18@gmail.com](mailto:rishitabhatter18@gmail.com) | [+16505159251](#)

## Education

<b>Santa Clara University</b> <i>Master of Computer Science and Engineering</i>	Santa Clara, CA, USA September 2024 – June 2026 (anticipated)
<b>Maharaja Sayajirao University of Baroda</b> <i>Post Graduate Diploma in Computer Application</i>	Gujarat, India September 2022 – May 2023
<b>Maharaja Sayajirao University of Baroda</b> <i>Bachelor of Computer Application</i>	Gujarat, India July 2019 – May 2022

## Skills

**Languages/Frameworks:** Python, Java, C, C++, SQL, TypeScript, JavaScript, Angular, React (Next.js), Node.js  
**Databases & Cloud:** MongoDB, Oracle, Couchbase, AWS (S3), Kubernetes (K8s)  
**Tools & Development:** GitHub, Jira, Figma, GraphQL/REST APIs, Responsive Web Development, CI/CD, Agile, Test-Driven Development, frontend development  
**AI/ML & Data:** scikit-learn, SentenceTransformers, Pandas, NumPy, Regex, RapidFuzz, Streamlit, Data Visualization

## Work Experience

<b>AI/ML Intern (Software Developer)   SNAP Life Sciences</b>	July 2025 – present
<ul style="list-style-type: none"><li>Spearhead <b>microservices-based APIs</b> with Node.js and Spring Boot, integrating <b>Couchbase authentication</b> and role-based access control to achieve 99.99% authentication success and stronger data security.</li><li>Pioneer <b>machine learning models</b> in Python to predict drug net pricing, applying cleaning and <b>feature engineering</b> to boost accuracy by 5% and enhance scalability.</li><li>Build and containerize <b>React and Streamlit dashboards</b> with <b>Docker</b>, ensuring reproducible deployments and faster insights for technical and business teams.</li></ul>	
<b>Fullstack Engineer   Minimal Dot</b>	May 2023 – June 2024
<ul style="list-style-type: none"><li>Designed and developed a <b>real-time task tracking system</b> for a project management tool using Angular, TypeScript, and RESTful API, implementing <b>custom sunburst and Kanban charts</b> with data visualization logic written from scratch, improving task visibility for 50+ active users.</li><li>Implemented <b>secure document storage</b> with AWS S3, enabling version-controlled uploads of up to 100 files per batch and improving collaboration for distributed teams.</li><li>Conducted <b>unit and integration tests</b> and established a CI/CD pipeline in coordination with cross-functional teams, reducing deployment failures by 25% and improving release scalability.</li></ul>	
<b>Software Engineering Intern   Dots &amp; Coms</b>	January 2022 – April 2022
<ul style="list-style-type: none"><li>Developed high-performance, <b>responsive web interfaces</b> using HTML/CSS, Bootstrap, and jQuery, improving page load times by 20% and boosting engagement across mobile and desktop.</li><li>Implemented <b>authentication and session management</b> for an e-commerce platform with NodeJS, MongoDB, and Auth0, reducing login-related drop-offs by 25%.</li><li>Contributed to Agile sprints, delivering 10+ full-stack features while optimizing back-end queries to cut API response times by 15%.</li></ul>	

## Projects

### My Schedules

- Built a **shift management system** using Angular, Django, and PostgreSQL, designing advanced relational database models to **handle complex scheduling workflows** for over 100 users while maintaining data integrity.
- Automated **shift swaps, releases, and approvals** using Angular and Django REST APIs with PostgreSQL **triggers** and **stored procedures**, reducing scheduling conflicts by 30%.
- Integrated **calendar view and notification systems** with a database-backed event-driven architecture, improving shift tracking efficiency for over 100 users.

### Billing and Inventory Management System

- Engineered a full-stack billing and inventory management system using C# and MySQL to **streamline stock control, billing, and inventory tracking** for around 100 products and 20 daily transactions.
- Delivered core functionalities including **product/category CRUD**, tax calculations, billing reports, and **advanced search/filter** features, reducing manual data handling time by 15%.
- Integrated secure **user authentication** with **role-based access control**, supporting 5–10 concurrent users while maintaining efficient backend performance and a seamless UI experience.