

Prateek Rathod

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 [Prateek Rathod](#)

PROFILE

Highly motivated and detail-oriented B.E. graduate with a strong foundation in Data Structures and Algorithms (DSA) and a deep passion for web development. Proficient in building efficient, scalable solutions and developing responsive, user-centric web applications. Skilled in problem-solving, clean code practices, and modern web technologies. A fast learner with a growth mindset, committed to continuous improvement and innovation. Known for strong collaboration, adaptability, and delivering high-quality software solutions.

EDUCATION

- **BMS College of Engineering, Bengaluru** **2022 – 2026**
B.E. in Information Science and Engineering
- **Narayana Junior College, Hyderabad** **2020 – 2022**
Senior Secondary Education (Class XI & XII)
- **Gnyana Sudha Vidyalaya, Bidar** **2020**
Secondary School Education (Class X)

SKILLS

- **Programming Languages:** Java, C, C++, Python
- **Frontend Development:** HTML, CSS, JavaScript, React.js
- **Backend & Tools:** Node.js, Express.js, MongoDB, UiPath, Docker
- **Soft Skills:** Teamwork, Communication
- **Others:** Video Editing

Portfolio Website | *React.js*

- Built a personal portfolio using React.js to showcase development work.
- Used component-based architecture, hooks, and responsive layout.
- Demonstrated frontend skills with dynamic and interactive UI.
- <https://prateek-rathod.github.io/my-portfolio/>

E-commerce Website | *MERN Stack – React.js, Node.js, Express.js, MongoDB, Stripe, Razorpay*

- Developed a full-stack e-commerce platform with secure payment integration.
- Implemented user authentication, product management, and order tracking.
- Integrated **Stripe and Razorpay** for seamless payment workflows.
- Ensured responsive design and efficient backend APIs for smooth UX.

Coffee Shop App | *Android Studio*

- Created a mobile app with item selection, cart, and QR payment.
- Integrated UI components like RecyclerView, BottomAppBar, ScrollView, etc.
- Ensured fluid navigation and responsive layouts across devices.

Clothes Shop with Microservices | *Docker, SOA*

- Implemented cloth shop app using microservices with GET, POST, DELETE features.
- Modularized services such as ordering and payment into Docker containers.
- Focused on SOA principles for scalability and loose coupling.
- <https://github.com/Prateek-Rathod/soa.git>

Offer Letter Generator Using RPA | *UiPath*

- Automated HR workflow using an unattended robot in UiPath.
- Converted Word files to PDFs, handled file I/O and form-based inputs.
- Connected to Orchestrator and implemented error-handling workflows.
- <https://github.com/Prateek-Rathod/RPA.git>

PUBLICATION

❖ **“Studies of Artificial Intelligence Applications of Drones – A Review”:**

Rupali Kumari, Pragathi, Preeti V. Uttur, Rashmitha, Prateek Rathod **Published in:** International Journal of Creative Research Thoughts (IJCRT) **Date:** January 17, 2025
Registration ID: 275692 | **ISSN:** 2320-2882 A comprehensive review of AI-based drone applications in agriculture, surveillance, logistics, and disaster response.