

PRATIK SHASHIKANT AGAWANE

Full Stack Developer | Python | React | UI/UX Enthusiast

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ABOUT ME

I am an enthusiastic and quick-learning computer science graduate currently pursuing my MCA, with a keen interest in software development and a strong foundation in web technologies. I've built real-world projects like CookShook – an AI-powered recipe recommender – where I applied my skills in Python, Flask, React, and databases to solve user-centric problems.

I thrive in collaborative environments, value structured workflows like Agile, and believe in continuous improvement. I'm eager to contribute to a company like TCS, known for its commitment to innovation, learning, and ethical values, where I can grow both as a professional and as a team player.

EDUCATION

COSMOPOLITAN'S S.C.D BARFIWALA HIGH SCHOOL
SSC-69.60%

2016

BHAVAN'S COLLEGE, ANDHWERI WEST
HSC-60.90%

2018

BHAVAN'S COLLEGE, ANDHWERI WEST
BSC Computer Science
CGPA-8.13

2019-2022

ZEAL INSTITUTE OF BUSINESS ADMINISTRATION, COMPUTER APPLICATION & RESEARCH, PUNE
MCA
CGPA-8.12

2023-2025

WORK EXPERIENCE

- **Fresher (0-6 months)**

TECHNICAL SKILLS

- **Programming Languages:** Python, Java(basic), JavaScript, C (basic)
- **Web Development:** HTML5, CSS3, Bootstrap, React.js, Flask, REST APIs
- **Databases:** MySQL, SQLite
- **Tools & Platforms:** Git, GitHub, VS Code, Netlify, Postman, Chat GPT,
- **UI/UX & Design:** Figma, Canva, Adobe XD
- **Data & Visualization:** Tableau, Power BI (basic)
- **Concepts:** OOPs, Data Structures & Algorithms, MVC Architecture, Responsive Design
- **Methodologies:** Agile, Scrum, Waterfall

SOFT SKILLS

- Teamwork and Collaboration
- Adaptability and Flexibility
- Communication and Interpersonal Skills
- Problem-Solving
- Time Management and Accountability
- Continuous Learning Mindset

PROJECTS

CookShook – AI-Powered Recipe Recommendation Web App

Tech Stack:

- **Frontend:** HTML5, CSS3, Bootstrap, JavaScript, Jinja2 Templating (via Flask)
- **Backend:** Python (Flask Framework), SQLite Database, Flask-Mail (for OTP verification), Flask-Login (for session management)

Description:

- Developed a full-stack web application that recommends recipes based on user-input ingredients using content-based filtering.
- Implemented personalized features like login/signup, favorite recipes, and meal planning using Flask, SQLite, and session management.
- Integrated an OTP-based password reset system using Flask-Mail.
- Designed a responsive UI using HTML, CSS, Bootstrap, and JavaScript.
- Hosted frontend on Netlify and backend on Flask with modular route structure.
- Built an admin dashboard to manage users and recipes.

ShiftTech – Corporate Static Website for a Tech Startup (Freelance)

Tech Stack:

- **Frontend:** HTML5, CSS3, Bootstrap, JavaScript, React.js (for component-based architecture)
- **Other Tools & Libraries:** Flexbox and CSS Grid for layout, GitHub Pages or Netlify for deployment, Figma (for UI/UX mockup design)

Description:

- Designed and developed a professional multi-page static website for a fictional startup to showcase services, about section, and contact form.
- Built using HTML5, CSS3, JavaScript, and React.js with mobile-responsive design using Flexbox and CSS Grid.
- Created a clean and modern UI adhering to client branding and UX principles.

Akshar – Text Utility Web App

Tech Stack:

- **Frontend:** HTML5, CSS3, Bootstrap, JavaScript, React.js (for component-based architecture)

Description:

- Developed a responsive single-page application for performing real-time text transformations such as:
 - 1.Uppercase/lowercase conversion
 - 2.Word/character count
 - 3.Whitespace cleanup
 - 4.Copy-to-clipboard feature
- Built using React.js with component-based architecture and state management using hooks (useState, useEffect).
- Implemented dark/light mode toggle for enhanced user experience.
- Focused on UI/UX design principles to create a clean, distraction-free interface.
- Deployed the project via GitHub Pages and shared for public use.

CERTIFICATIONS

- Python Programming – Infosys Springboard
- Cyber Crime Awareness Training – CollCommunity & UNICEF

ACHIEVEMENTS & AWARDS

- First Prize – Inter-collegiate Poster Making Competition
- Second Prize – Street Play – Mumbai NSS Streetplay competition

LANGUAGES KNOWN

- English
- Hindi
- Marathi
- Gujarati

PERSONAL DETAILS

- Date of Birth: 08/01/2001
- Gender: Male
- Location: Mumbai, Maharashtra

INTERESTS & HOBBIES

- Painting & Drawing
- Creative PowerPoint Presentations
- Video Editing
- Listening to Music