

Vatsal Bairagi

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PROFESSIONAL OVERVIEW

Web Developer specializing in **React.js, Flask, MongoDB, and Next.js**, with experience delivering **5+ deployed projects**. Implemented responsive, data-driven web apps, integrated REST APIs, and optimized database queries. Increased usability and efficiency of applications by up to **40%**. Dedicated to applying technical expertise to real-world product development.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (MySQL), JavaScript, HTML/CSS

Frameworks: React, Angular, Next.js, Node.js, Flask, WordPress, Material-UI, FastAPI

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio

EDUCATION

Parul University <i>B.Tech in Computer Science and Engineering</i>	Vadodara, Gujarat 2022 – 2026
New Heights Public School <i>12th (68.3%)</i>	Khawasa, Madhya Pradesh 2021 – 2022
Satya Sai Convent School <i>10th (77.3%)</i>	Khawasa, Madhya Pradesh 2020 – 2021

PROJECTS

Wallpapers Hub | *React, Flask, MongoDB, API*

- Engineered a responsive wallpaper application with category filters and Pixabay API integration.
- Drove **1000+ downloads** and boosted mobile engagement by **40%**.
- Live: wallpapershub.netlify.app

Personal Portfolio | *React, Flask, MongoDB*

- Developed personal portfolio showcasing **7+ projects** and technical skills.
- Optimized load speed by **25%** through code-splitting and image compression.
- Live: vatsalbairagi20.netlify.app

School Website | *HTML, CSS, JavaScript*

- Delivered the official school website, enabling timely communication for **300+ students and parents**.
- Live: nhps.netlify.app

Dev Blog Page | *Next.js, Hosting, APIs*

- Published and maintained a blog attracting **200+ monthly readers**, sharing insights on React + Flask development.
- Live: vatsal-blog.vercel.app

CERTIFICATES

Frontend Developer (React.js) — HackerRank

- [Certificate Link](#)

Data Analytics Virtual Program — Deloitte Forage

- [Certificate Link](#)

Software Engineering Job Simulation — Accenture Forage

- [Certificate Link](#)

Computer Networks & Internet Protocol — IIT Kharagpur

- [Certificate Link](#)

ACHIEVEMENTS

- Shortlisted for Internship at **Better Software**, recognized for React.js + Flask expertise.
- Delivered **10+ deployed full-stack projects**, serving real users across academic and personal domains.
- Ranked in the **top 15% on HackerRank React.js Skill Certification**, demonstrating frontend proficiency.
- Led a 3-member academic team project, meeting all milestones and achieving on-time delivery.