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