Harshita Katariya

Bachelor in Technology(B.Tech)
Computer Engineering
Full-Stack-Developer | Open Source Contributor | Freelancer

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PROFESSIONAL SUMMARY

Full-Stack Developer | MERN | TypeScript | AWS | PostgreSQL | Open Source Contributor | Freelancer

Results-driven Full-Stack Developer with 3+ years of experience in building scalable, high-performance web applications. Proficient in React.js, Next.js, Node.js, TypeScript, and PostgreSQL, with expertise in MongoDB, Docker, and AWS services. Skilled in performance optimization, API development, and cloud deployment, ensuring robust and efficient solutions. Actively contributing to open-source projects like p5.js-web-editor and AOSSIE EduAid. Passionate about problem-solving, system architecture, and creating seamless user experiences. Adept at working in agile teams, collaborating to deliver innovative and well-architected applications.

EDUCATION

·Sarvajanik College Of Engineering And Technology, Surat   *2022 - Present*
B.Tech, Computer Engineering   CPI: 8.5

·SD School of Science, Surat   *2020 -2022*
State Board of Secondary Education   Intermediate: 85% Matriculation: 90.4%

PERSONAL PROJECTS

·Medium
Developed a Medium-like blogging platform with a focus on scalability, performance, and developer experience.
  – Build a modular front-end using React.js, Typescript and Tailwind CSS for a seamless and responsive UI.
  – Optimized API Performance with Edge function and cloudflare
  – Integrate authentication & authorization using JWT and OAuth, ensuring secure access control for users.
  – Implemented a robust backend with PostgreSQL, Prisma ORM and Cloudflare workers, ensuring low latency , serverless execution.

·Blog application | Source Code
Developed a web platform for a friend to showcase artworks, receive ratings and feedback, and manage posts.
  – Built a responsive, interactive UI with React and Tailwind CSS, using React Router DOM for seamless navigation.
  – Implemented Appwrite for backend tasks like authentication, post management, and image storage.
  – Ensured scalable and efficient state management with Redux Toolkit for smooth performance.
  – Integrated ReactQuill to enable rich text editing for enhanced content creation.

·Real-Time Chat App
Developed a Real-Time Chat App where user can chat one to one or in a group by creating a private room.
  – Designed a responsive and cross-browser-compatible UI using React.js, focusing on user experience and accessibility.
  – Built a scalable backend with Node.js and Express.js, integrating RESTful APIs for efficient communication.
  – Implemented real-time communication using Web Sockets which provide quick bi-directional communication.

EXPERIENCE

·Internship at CodeSoft(Virtual)   *June,2024-July,2024*
  – Optimized performance resolving bottlenecks and implementing best practices for faster load times and smooth interactivity.
  – Refined UI/UX, resolved performance bottlenecks, and ensured seamless cross-browser compatibility, leveraging Git for streamlined collaboration.

TECHNICAL SKILLS and INTERESTS

Languages: J a v a , Python3, JavaScript (ES6+), HTML5, CSS3, SASS, LESS
Developer Tools:Visual Studio Code, Git, Webpack, Docker
Frameworks: React.js, Tailwind CSS, Node.js, Express.js, TensorFlow, Flask
Cloud/Databases: MongoDB, MySQL, Postgres SQL, AWS, Firebase, Cloudflare
Soft Skills: Collaboration, Communication, Problem-Solving, Attention to Detail, Quick Learner
Additional Skills: RESTful API Integration, Accessibility Standards, SEO Principles, Performance Optimization, Cross-Browser Compatibility
Coursework: Completed courses in Data Structures and Algorithms, Object-Oriented Programming, Operating System, Machine Learning, Web Development, Computer Networks and Internet Protocol, Cloud Computing
Areas of Interest: Competitive Programming, Web Development, UI/UX Design

Achievements

· **NASA Space app challenge '24** Team Leader

· **Codeher by Walmart** Certified for completing Round 1, showcasing skills in problem-solving.

· **Solved 100+ problems on LeetCode**