Durgesh Vishwkarma

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PROFILE

Detail-oriented Software Engineer with Bachelors in Computer Engineering and transforming ideas into functional software solutions. Adaptable learner who thrives in a collaborative environment.

EDUCATION

Mumbai University   *Mumbai, India*
Bachelor of Engineering in Computer Engineering   2020 – 2024

SKILLS

Technical: SQL, Python, Java, JavaScript, MongoDB, Express.js, React.js, Node.js

Tools: Docker containerization, WebAuthn, Postman, CI/CD, GitHub, REST API & Hugging Face, Security Hardening, Agile Methodology, Unit Testing, Project Management

CERTIFICATIONS

- MERN Stack fundamentals (*link*)
- Project Management (*link*)
- SQL Projects for Beginners (*link*)

EXPERIENCE

Deloitte USI   *Mumbai, India*
Trainee Analyst Engineer   Aug 2024 – Nov 2024

- Developed a full stack e-commerce platform that optimized API responses and improved performance by 50%.
- Applied Agile methodology in team projects under Deloitte professional guidance.
- Successfully completed training programs in MERN stack, SQL, enhancing technical and problem-solving skills.

PROJECTS

ShopSphere – MERN Stack E-Commerce Platform   01/2025 – 03/2025

- Developed an e-commerce website with secure authentication, product management by admin panel.
- Utilized Vite, React 18, Tailwind CSS, Node.js, Express.js & Docker containerization for production ready.
- Improved a scaled system to support 100+ concurrent users and enhanced real-time updates.

AI Notes App – Smart Notes Managers   04/2025 – 05/2025

- Achieved full-stack AI notes summarization and real-time backend updates.
- Using Hugging face Model to summarize large text with MERN stack.
- Resulted in a 50% reduction in user reading time per note through automatic summarization.

Passkey Readiness Tester   06/2025 – 08/2025

- Built a WebAuthn passkey flow and implemented resident keys and userHandle decoding, achieving a 97.3% success rate in registration.
- Deployed and Hardened stack to vercel and render that resulting in a 95/100 security score in production.
- Delivered CLI and observability which achieved 99.1% authentication success and 285ms average latency across.

ACHIEVEMENTS

- Published a PropCrypt blockchain registry paper in IJSREM back in 2024.
- Solved 150+ algorithm problems on Leetcode and GeeksforGeeks using Java.