KHUSHAL MISHRA

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SKILLS

Frontend	HTML5, Tailwind CSS, JavaScript, React.js
Backend	Node.js, Express.js, MySQL
DevOps	Google Cloud Platform, Docker, Kubernetes, Networking
Programming languages	C, C++,Java, Python
Tools	GitHub, VSCode, CursorAI

EDUCATION

Bachelor of Technology in CSE, DIT University, Dehradun — August 2022 - Expected May 2026

CGPA: 8.01 (till 6th semester) | Coursework : Full Stack Development, DevOps

Senior Secondary (12) , Silver Oak School, Alwar — Febuary 2021 - March 2022

Grade: 86%

Secondary (10) , Silver Oak School, Alwar — March 2019 - March 2020

Grade: 92%

PROJECTS

Blooming-Filter | GitHub

- Architected a full-stack app **leveraging FNV-1a hashing, demonstrating data structure efficiency by slashing memory usage by 98%**, crucial for low-latency environment,
- Engineered a **Bloom Filter implementation that achieves 98% memory efficiency (9.6KB/10,000 items) with 1% false positive rate.**
- Tech Stack: **JavaScript, Node.js, Express.js, REST API**.

Internshala Automation Tool | GitHub

- Built an **automation tool using Node.js, JavaScript, and Puppeteer to streamline** the internship application process, reducing manual application time by up to 90%.
- **Automated 10+ internship applications autonomously during testing**, significantly improving application efficiency through **end-to-end development and debugging in production-ready environment.**
- Tech Stack: **Puppeteer, JavaScript**

PortFolio-Website | GitHub

- Developed a **100% responsive and Modern UI/UX design website using HTML5, CSS3, JavaScript, and modern frontend libraries** to showcase projects, skills, and achievements.
- **Integrated EmailJS to enable real-time contact form submissions**, Improved communication pipeline.
- Implemented interesting features such as a **graduation countdown timer**, improving engagement and personalization.
- Tech Stack: **ReactJS ,Tailwind-CSS, EmailJS**.

ACADEMIC EXPERIENCE

Technical Team — August 2023 - November 2024

Microsoft x DIT Club — *DIT University, Dehradun*

- Contributed in 10+ college tech community events, fostering collaboration and knowledge-sharing among peers through workshops.
- Contributed to group projects and discussions, enhancing problem-solving skills.

ACADEMIC ACHIEVEMENTS

- LeetCode: Solved over 500 problems.

- GeekForGeeks : Solved over 300 problems