

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	February 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
<ul style="list-style-type: none">• 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