

Khushal Mishra

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Technologies

Languages : C, Java, Python, JavaScript, TypeScript, SQL, Bash Scripting
Frameworks & Libraries : React.js, MongoDB, Node.js, Express.js, Tailwind CSS, Puppeteer
DevOps : Azure, GCP, Docker, Kubernetes Clusters, CI/CD, Agile, Git, Scrum, Kanban
Core Concepts : Data Structures, Algorithms, Object-Oriented Programming (OOP), REST APIs
OS : Linux (Ubuntu , CentOS)

Projects

Bloom-Filter

[Github](#) 

- Architected a full stack app that uses **FNV-1a hashing, demonstrating data structure efficiency by reducing memory usage by 98%**, crucial for a low-latency environment.
- Implemented that **achieves 98% memory efficiency (9.6KB/10,000 items) with 1% false positive rate.**
- Tools Used: JavaScript, Node.js, Express.js, REST API

Internshala Automation Tool

[Github](#) 

- Built an **automation tool using 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.
- Tools Used: Puppeteer, JavaScript

Portfolio

[Github](#) 

- Developed a **100% responsive and Modern UI/UX design website with graduation completion timer.**
- Integrated **EmailJS to enable real-time contact form** submissions, Improved communication pipeline.
- Tools Used: ReactJS ,Tailwind-CSS, EmailJS.

Experience

Girl Script Foundation, Contributor

Aug 2025 - Oct 2025

- Contributing to multiple projects featured on GSSoC'25 platform.
- Gained Hands-on Experience in open source including Code-collaboration, issue-tracking and pull request management.


Certifications

Oracle Certified DevOps Professional
Oracle Certified AI Foundation Associate
Google Certified AI Generative

Education

B.Tech, DIT University, Dehradun, Uttarakhand

Aug 2022 – May 2026

- Computer Science & Engineering | CGPA: **8.04 / 10.0** 

12, Silver Oak School, Alwar, Rajasthan

Mar 2021 – Mar 2022

- CBSE | Grade: 86.6%

10, Silver Oak School, Alwar, Rajasthan

Feb 2019 – Feb 2020

- CBSE | CGPA: 90.8%