

# KHUSHAL MISHRA

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## SKILLS

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Languages	C , 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

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### 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.

## EXPERIENCE

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### Open Source Contributor

GirlScript Foundation

Aug 2025 - Present

- Contributed to multiple projects featured on GSSoC'25 platform.
- Gained Hands-on Experience in open source including Code-collaboration, issue-tracking and pull request management
- Enhanced technical skills and understanding of diverse project eco-system.

## EDUCATION

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Bachelor of Technology, DIT University, Dehradun

Aug 2022 - Expected May 2026

CGPA: 8.04 (till 6th semester) | Computer Science and Engineering

Senior Secondary (12) , Silver Oak School, Alwar, Rajasthan

Feb 2021 - March 2022

CBSE | Grade: 86.6%

Secondary (10) , Silver Oak School, Alwar, Rajasthan

March 2019 - March 2020

CBSE | Grade: 90.8%

## CERTIFICATIONS

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- Oracle Certified DevOps Professional.
- Oracle Certified AI Foundation Associate.
- Certificate on Google AI Essentials by Google.