

# Rushikesh Zambare

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## TECHNICAL SKILLS

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- **Languages:** C++, Java, SQL, JavaScript, Python
- **Databases:** MySQL, MongoDB
- **Tools:** Postman, Git, VS Code
- **Competencies:** Object oriented programming, Data Structures and Algorithms, Operating System, DBMS, Computer Networks

## EXPERIENCE

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- **Python Developer Intern - DituchSoft:**
  - Developed full-stack web applications using Django for backend and integrated frontend components with HTML, CSS, and JavaScript.
  - Integrated Git-based version control to manage development workflows.
  - Collaborated with teams to deliver responsive, user-friendly interfaces.
- **IBM Mentored Project - Data Pipeline with IBM COS and Db2 DBMS:**
  - Created a data pipeline using IBM Db2 and Cloud Object Storage for efficient data transformation.
  - Implemented real-time Change Data Capture (CDC) for effective data management.




## ACHIEVMENTS

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- Runner-up at HackKnight 2024 Hackathon organized by BlackRock, Pune
- Winner at Hactopia 2024 Hackathon organized by PCCOE, pune

## PROJECTS

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- **SparkEd:** Next.JS, MongoDB, Express.JS 
  - Developed a scalable student-focused platform using Next.js, MongoDB, and Express.js to provide tailored scholarship and loan recommendations.
  - Integrated financial planning tools and curated educational content (YouTube Shorts), bridging the gap between companies and students.
- **Search Engine using Splay Tree:** C++ 
  - Designed and developed a search engine using splay trees for efficient data indexing and retrieval.
  - Integrated timestamped activity logging for enhanced traceability.
- **ThreadLib : One-One and Many-One Threading Library:** Operating System, C language 
  - Implementation of user-level multithreading library which provides functions for creating, joining and killing threads.
  - It is available for Unix-like POSIX conformant operating systems.

## CERTIFICATIONS

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- **Cisco Certified Network Associate (CCNA):** This certification provides foundational knowledge and skills in networking, including configuring, managing, and troubleshooting networks

## EDUCATION

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| • <b>Vishwakarma Institute of Information Technology</b>              | Pune, Maharashtra, India     |
| • <i>Bachelor of Technology - Information Technology (CGPA: 8.63)</i> | <i>Nov 2022 - Oct 2025</i>   |
| • <b>Government Polytechnic Amravati</b>                              | Amravati, Maharashtra, India |
| • <i>Diploma in Information Technology (92.58%)</i>                   | <i>July 2019 - Aug 2022</i>  |

## SOFT SKILLS

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- Collaboration
- Adaptability
- Time Management
- Dedicated

## POSITIONS OF RESPONSIBILITY

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- **IT Department Head:** Sports Council, VIIT
  - Led and managed IT Department during the annual sports event, ensuring smooth execution.
- **Documentation Head:** National Service Scheme (NSS), VIIT
  - Managed documentation and reports; handled email drafting and spreadsheet management.