

# Ravindra Yadav

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## Summary

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Versatile software engineer with a solid foundation in web development and cloud computing. During my career break, I improved my technical expertise through self-directed projects, certifications, and continuous learning. I am very excited to offer innovative solutions to challenging technical problems.

## Education

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**Dr. Babasaheb Ambedkar Technological University**

*August 2019 - July 2023*

*Bachelor of Technology in Information Technology*

**CGPA:** 7.49/10

**Shri Siddheshwar Mahavidyalay Majalgaon**

*July 2018 - February 2019*

*HSC*

**Percentage:** 59.38%

**Rajasthani Madhyamik Vidyalaya Majalgaon**

*July 2016 - March 2017*

*SSC*

**Percentage:** 81.60%

## Projects

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**SkyVault** — *Next.js, React, Express, MongoDB, AWS S3, Redis*

[Github](#) [Demo](#)

- Built a system that uploads files directly to the cloud (AWS S3) instead of passing them through the server. This prevents the app from slowing down when users upload large videos or documents.
- Created a "Secure Vault" feature that protects sensitive documents with an extra PIN code, doubling the security for private user data.
- Sped up the search function significantly by making the database handle the heavy lifting, resulting in instant search results.
- Used database transactions to ensure that when you move or delete a folder, it either happens completely or not at all—preventing half-deleted files or data loss.
- Created a special route for recruiters to get access to "SkyVault Dashboard" by generating temporary credentials.

**Share-It CLI** — *Typescript, Node.js, Express.js, Commander.js*

[Github](#) [npm](#)

- Created a cross-platform command-line tool for sharing files instantly over a local network. User can upload/download files.
- Built a web-based UI served directly from the CLI, supporting recursive directory browsing and multi-file uploads.
- Integrated QR code terminal access for quick mobile connections without manual URL entry.
- Optimized large file and media streaming using Node.js streams for high performance.
- Designed a responsive front-end interface ensuring smooth UX on both desktop and mobile browsers.
- Published and maintained the package on npm, including setup scripts and documentation.
- 70+ installs on npm

## Skills

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**Programming Languages:** JavaScript, Typescript, HTML, CSS

**Frameworks & Libraries:** Next.js, React.js, Zustand, TailwindCSS, Motion, Node.js, Express.js

**Other Tools:** AWS(EC2, S3), Git, Github, Postman, MongoDB, Redis