

# DISHA SINGH

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## PROFILE SUMMARY

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Motivated Software Development Engineer with a solid foundation in **computer science**, specializing in **backend development** using **Node.js** and **MySQL**. Experienced in building scalable server-side architectures and robust API endpoints, with a focus on data integrity and performance optimization. Proficient in **Typescript** and **Git**, I have a track record of delivering quality code in collaborative environments. Eager to leverage cutting-edge technology in a fast-paced startup environment to drive business success.

## EDUCATION

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**Harcourt Butler Technical University**

Bachelor of Technology in Information Technology (CGPA: 8.23)

**Nov 2021 - June 2025**

Kanpur, UP

**Glorious Academy**


Intermediate in Science (94 percentage)

**Mar 2018 - July 2020**

Varanasi, UP

## EXPERIENCE

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**Aeron Digital Solutions**  (**Full Stack Developer Intern**)

**June 2024 - July 2024**


- Developed and maintained scalable server-side architecture using **Node.js** and **MySQL**, enhancing system performance and data integrity.
- Implemented and optimized API endpoints to facilitate seamless communication between frontend and backend components.
- Collaborated with frontend developers to integrate user-facing elements, ensuring a smooth user experience across platforms.

## PROJECTS AND WORKS



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**Digital Payment App (ReactJS, Node.js, Express.js, MongoDB, Tailwind)**  , [github](#) 

- Developed a comprehensive digital wallet and payment application, focusing on scalable backend systems using **Node.js** and **MongoDB**.
- Implemented **JWT-based** authentication and secure user sessions, showcasing my ability to design secure APIs.
- Identified and resolved performance bottlenecks by optimizing database queries and **debugging** issues.

**Blogging Website (TypeScript, Tailwind CSS, Node.js, Express.js, PostgreSQL)** [github](#) 

- Developed a full-featured blogging platform inspired by Medium, allowing users to create, edit, and publish blog posts.
- The application includes user authentication with routes and supports retrieving blog posts .
- The backend server is deployed on **Cloudflare** for enhanced performance and security, enabling seamless workflows for content creation and distribution.

**Password Generator (HTML, CSS, JavaScript)**  , [github](#) 

- Designed and developed a Password Generator that creates secure, random passwords with customizable options for length and character types.
- The application, built using HTML, CSS, and JavaScript for responsive design, includes features such as storing the last 5 generated passwords for easy reference and a copy-to-clipboard functionality.

## SKILLS

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**Languages**

C/C++, Python, JavaScript, TypeScript, HTML/CSS

**Frameworks/Technologies**

React.js, Node.js, Express.js, Next.js, TailwindCSS, Docker, Next.js

**Databases and Optimisation**

PostgreSQL, MongoDB, MySQL, Prisma

**Developer Tools & Platforms**

Visual Studio Code, Git, GitHub, AWS

**Relevant Coursework**

Data Structures & Algorithms, OOPS