




# AVNISH KUMAR

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## SUMMARY

Computer Science graduate with strong experience in full-stack web development using the MERN stack. Proficient in building responsive, user-friendly applications with React, Express.js, and MongoDB. Developed real-world projects like an URL Shortener and an Online Auction System. Looking to contribute to a fast-paced development team.

## EDUCATION

### Gyan Ganga Institute of Technology and Sciences

Bachelor of Technology in CSE-IOT and Cyber Security Including Blockchain Technology  
CGPA: 8.63

Oct 2020 – June 2024

Jabalpur, India

### Ganga Uacch Madhyamik Vidyalaya

Intermediate  
Board: BBOSE

May 2017 – Feb 2019

Buxar, India

### DAV Public School

Matriculation  
Board: CBSE

May 2015 – Feb 2016

Buxar, India

## COURSEWORK

- Data Structures
- Operating Systems
- DBMS
- Computer Networking
- OOP
- Software Engineering

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), Java, HTML5, CSS3

**Frontend:** React.js, Next.js, Tailwind CSS

**Backend:** Node.js, Express.js

**Database:** MongoDB, MySQL, PostgreSQL

**Tools:** Git, GitHub, VS Code

**OS:** Linux, Windows

## PROJECTS

### URL Shortener

May 2025 - May 2025

- Developed a full-stack URL Shortener web app using MERN stack (MongoDB, Express.js, React.js, Node.js).
- Built analytics page showing IP, location, device info, and click stats for each shortened URL.
- Integrated QR code generation for every short link to support easy sharing.
- Implemented JWT authentication with HTTP-only cookies and login history logging.

### Online Auction System

July 2024 - Sept 2024

- Developed an online auction platform using React.js, Express.js, and MongoDB for real-time bidding.
- Implemented secure user authentication and authorization for personalized user experiences.
- Designed a responsive user interface with Tailwind CSS, ensuring optimal usability on all devices.
- Managed state effectively using Redux Toolkit for seamless user interactions and bidding processes.
- Technologies used: React.js, Express.js, MongoDB, Redux

## CERTIFICATES

- **AWS:** AWS Cloud Foundation
- **Meta:** Advanced React, Programming with JavaScript
- **Oracle Academy:** Java Fundamentals
- **Cisco:** JavaScript Essentials 1, Cloud Security, Introduction to Networks