

AVINASH KUMAR

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Education

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

B.Tech - Computer Science and Engineering, CGPA: 8.17

2019 – 2023

Bhopal, Madhya Pradesh

INTERNSHIPS

Full Stack Developer - Brancosoft

On-Site

May 2025 – June 2025

- Developed and maintained mobile app features for the HiHello social platform using Node.js, Express.js, and MongoDB.
- Collaborated with a team of 5 developers to design RESTful APIs, utilizing Postman and phpMyAdmin for testing and database management.
- Reduced API development time by **30%** through streamlined backend processes and efficient debugging practices.

PROJECTS

[Petstore-Ecommerce Website](#) | Python, Django, HTML, CSS, JavaScript

2023

- Designed and launched an intuitive e-commerce website for Pet Paradise, leveraging Python, Django, HTML, CSS, and JavaScript; Proposed user engagement metrics by **35%** within the first month post-launch.
- Crafted advanced security protocols which eliminated unauthorized login attempts across all user tiers; Guided enhanced safety through implementing two-factor authentication features utilized by every active account holder.
- Operated database query efficiency and refined schema design in MySQL, resulting in a notable **30%** increase in application response times for critical user operations across the e-commerce platform.

[Chatbot-Pdf](#) | Python, Streamlit, OpenAI

2023

- Constructed a high-performance application with Python and Streamlit that extracts data from PDFs using PyPDF2; employed OpenAI's NLP technology to generate concise summaries within seconds instead of minutes.
- Employed Python libraries including PyPDF2 for efficient PDF processing and Streamlit to design an intuitive user interface, enhancing user experience by reducing document retrieval time by 30 seconds per request.
- Engineered seamless integration of OpenAI's cutting-edge natural language processing features for summarization tasks, enhancing document analysis speed by **30%** and enabling faster decision-making processes for users.

[Netflix-Clone](#) | Node.js, Vite+React.js, JavaScript, Tailwind CSS, TMDB API

2024

- Created a Netflix-inspired streaming platform using Node.js, Vite with React.js, JavaScript, and Tailwind CSS.
- Integrated thorough searching capabilities via TMDB's database into application architecture; Generated more than 600 direct searches per day while ensuring comprehensive retrieval of accurate entertainment options tailored for end-users.
- Developed and implemented a robust JWT-based authentication system that Completed user security during login, resulting in zero unauthorized access incidents reported over six months of operation.

ACHIEVEMENTS

[TCS NQT \(IT Career Readiness Test\)](#)

2022

- Qualified with distinction for the TCS NQT (IT Career Readiness Test) in October 2022, achieving a score in the top .
- Achieved an outstanding score of **90.83%** in Programming, validating advanced skills in coding and critical thinking; recognized as a top performer in the cohort.

[AWS Cloud Computing \(Badges\)](#)

- Took initiative as the most junior team member by earning all required AWS certifications, setting a benchmark for peers and aligning with industry standards.

TECHNICAL SKILLS

Languages: Python, Golang, JavaScript

Technologies/Frameworks: HTML/HTML5, CSS/CSS3, Node.js, React.js, Express.js, Tailwind CSS, jQuery, Bootstrap, MySQL, MongoDB, Django, Firebase, Postman-API, AWS Cloud, Docker

Developer Tools: VS Code, IDLE

CERTIFICATIONS

- [Python Developer Associate - Edumex Academy](#)
- [MySQL - Great Learning](#)
- [Web Designing - I.T. VEDANT](#)
- [Python and Django Framework - I.T. VEDANT](#)