

Kargavkar Karan Bharatbhai

Computer Science Engineer

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Brief Summary

I am passionate about building a career in technology with a strong interest in software development. I enjoy working with programming languages, web technologies, and problem-solving. Curious and eager to learn, I seek practical experience to apply my academic knowledge. I aim to grow my skills through an internship and contribute to real-world projects.

Skills

- Programming Languages : Python , Java, C , C++
- Web development : HTML , CSS , JS
- Framework : React.js , Node.js , Express.js
- Database: MySQL , MongoDB
- Data Structure and Algorithm [DSA]
- Git & GitHub
- Communication skills , Problem-solving and Analytical skills

Education

Parul University, Vadodara	2022 – Present
B.Tech CSE	
CGPA 8.15	

Gajera Vidhya Bhavan , Katargam	Mar 2022
Class 12 (Sci.)	
P : 79%	

Gajera Vidhya Bhavan , Katargam	July 2020
Class 10	
P : 74%	

Project

SecureX – JWT Based Secure Login Authentication System

Key Skills : MongoDB | React.js | Node.js | Express.js | MERN | JWT (JsonWebToken) | bcrypt | Role-Based Authentication | Postman

Project Link : <https://github.com/KargavkarKaran/secure-login-system>

Deployed Link : <https://secure-login-system-ui.vercel.app/login>

Developed a Full-Stack-Web-based user authentication system using the MERN stack that provides secure login and authentication through JSON Web Tokens (JWT). The system ensures data security using encrypted password, role-based-access-control, and protected APIs, enabling scalable and secure user management.

AgroBotics - IOT based Smart Agriculture System

Key Skills : Internet of Things | Web Development | Machine Learning | Cloud Integration | Database Management

Project Link : <https://github.com/KargavkarKaran/Project>

Developed an IoT- and AI-powered smart agriculture system integrating environmental and soil sensors with microcontrollers, real-time data acquisition (MQTT/HTTP), and a web dashboard to optimize irrigation, automate farming operations, and enhance crop management.

Certificates

- Database and SQL
- Computer Networks
- Theory of computation
- Introduction of Internet of Things