SAHIL CHAURASIYA
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BRIEF SUMMARY

Full-stack developer experienced in building and deploying production web applications using Node.js and Django.
Developed a live campus networking platform with real-time messaging, role-based access control and optimized database queries.
Comfortable debugging APIs, working with existing codebases and shipping features in collaborative environments.

KEY EXPERTISE

Socket.io   PostgreSQL   Next.js   Python   Django   C++   MySQL   ReactJS   Node.js   Tailwind CSS

EDUCATION

Sagar Group of Institutions - SISTec	2022 - 2026
B.Tech. - Computer Science & Engineering - SISTec GN	CGPA: **7.12** / **10**	
Shri Durga Ji Public School, Azamgarh	2022
10 12th	CBSE	Percentage: **67.60** / **100**	
Shri Durga Ji Public School, Azamgarh	2020
10th	CBSE	Percentage: **79.20** / **100**	

AWARDS AND SCHOLARSHIPS

- Secured First Position in Number Games Season 4 in my college
- Best Intern Award – Shroti Telecom Pvt. Ltd. (2026)

INTERNSHIPS

Shroti Telecom Pvt. Ltd. | IT / Computers - Software   22 Aug, 2025 - 22 Jan, 2026
Junior Software Developer
Key Skills:

Full Stack Development   Role-Based Access Control   Backend Development   CSS   MySQL   Debugging   Fast API

Django   Python   RESTful APIs   HTML

- Developed and maintained REST APIs using Django and FastAPI for internal applications
- Implemented authentication and role-based authorization for secure data access
- Debugged API responses and fixed integration issues affecting frontend workflows
- Optimized database queries and improved response consistency
- Worked on feature updates and bug fixes in an existing production codebase

PROJECTS

Personal Developer Portfolio (SEO Optimized)   06 Nov, 2025 - 20 Nov, 2025

Key Skills: Next.js   Technical SEO   Performance Optimization   Deployment   Responsive Web Design

Project Link: https://portfolio-next-eight-rose.vercel.app/

Designed and developed a personal developer portfolio using Next.js
Implemented technical SEO including meta tags, sitemap, robots.txt and structured content
Optimized page performance and accessibility for better search ranking
Achieved first-page Google rankings for multiple developer-related keywords, including top position for select search queries
Serves as primary client acquisition and credibility platform

Sheetal Academy, Uran (Navi Mumbai) – Business Website & SEO Implementation   28 Jul, 2025 - 03 Aug, 2025
Key Skills:

Next.js   Tailwind CSS   MongoDB   JWT Authentication   EmailJS   Responsive Web Design   SEO Optimization

Deployment   Performance Optimization

Project Link: https://sheetal-academy.vercel.app/

Developed and deployed a production website and admin dashboard using Next.js and MongoDB for a live coaching institute
Built secure authentication and dynamic content management for announcements, jobs and events
Implemented form handling and lead capture workflows with automated responses
Optimized technical SEO and site structure, achieving first-page Google rankings for relevant institute search queries, including top position for specific keywords
Hosted on Vercel with responsive UI and performance optimization for mobile users

SISTec Alumni Networking Platform – Real-Time Web Application
Mentor: Prof. Nargish Gupta | **Team Size:** 4

Key Skills: MongoDB Express.js React.js Node.js Socket.io Deployment

Project Link: http://alumni.sistec.ac.in/

Led development of a full-stack networking platform for students and alumni with real-time messaging using Socket.io
Architected MongoDB schema for conversations and optimized message retrieval queries
Implemented authentication, protected routes and role-based dashboards (admin/user)
Resolved real-time chat event conflicts and managed persistent user sessions
Coordinated frontend–backend integration and guided feature implementation across the team
Deployed on institute subdomain and handled live user activity
Used by students and alumni for posts, messaging and event interaction on institute domain

Menu-Driven Data Structures Library
Mentor: Dr. Nargish Gupta | **Team Size:** 1

Key Skills: C++ Data Structures DSA

Project Link: https://onlinegdb.com/Gvhd1l31a

Developed a C++ console-based application implementing core data structures (Array, Stack, Queue, Linked List, Tree, Graph) with a menu-driven interface. Each module supported insertion, deletion, traversal, and search operations. Focused on modular coding and dynamic memory management.

AI-Based Museum Ticket Booking Automation System
Mentor: Dr. Bhavna Gupta | **Team Size:** 6

Key Skills: Streamlit MonsterAPI Python

Project Link: https://drive.google.com/drive/folders/1rKAP7_7-eeY-zJDn7uR2JqZKtF89MzVx?usp=drive_link

Built an intelligent chatbot that automated the entire ticket booking workflow.
Integrated chat + booking flow, reduced multiple manual steps into a single automated pipeline.
Implemented structured user input capture, automated pricing, and ticket generation.

ACHIEVEMENTS

- Java Skill Test Certification – HackerRank
- Gold Badge for Problem Solving on CodeChef
- Five Star Badges in Java and Python on HackerRank
- Five Star Badges in Java, C++ and Python on HackerEarth

ASSESSMENTS / CERTIFICATIONS

Tools of Trade: Linux and SQL

Key Skills: SQL Linux

This course, offered by Google through Coursera, introduced fundamental tools for tech professionals including Linux command-line operations and SQL database queries. Learners gained hands-on experience with shell scripting, file and process management, and writing efficient SQL queries for data manipulation and analysis. It is part of the Google IT Automation with Python Certificate.

The Joy of Computing using Python
Key Skills:

Python Programming Problem Solving Computational Thinking Algorithms Data Structures Visualization

Turtle Graphics

This NPTEL certification introduced core concepts of Python programming and computational thinking. Topics included flowcharts, loops, strings, functions, data structures, and visualization with Turtle and Python libraries. Emphasis was on practical coding and problem-solving through weekly assignments and online judge problems.

SQL (Basic)

Key Skills: SQL Queries SELECT Statements Joins Aggregations Subqueries Data Filtering

This certification from HackerRank assessed knowledge in core SQL concepts such as writing queries, filtering data, using joins, subqueries, and aggregation functions. It validated problem-solving ability using real-world SQL tasks.

EXTRA CURRICULAR ACTIVITIES

- Certification in Climate Change and Human Rights – Amnesty International
- Participated in Smart India Hackathon
- Selected as Class Representative

WEB LINKS

- Github - https://github.com/sahil-chaurasiya
- Codechef - https://www.codechef.com/users/sahil73
- Other - https://www.hackerrank.com/profile/chaurasiyasahil1
- Other - https://www.hackerearth.com/@chaurasiyasahil18/
- Personal - https://portfolio-next-eight-rose.vercel.app/

PERSONAL DETAILS

Gender: Male
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