

Sagar Bhaurav Sonawane

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[CodeWithSagarMali](#) | [Sagar Sonawane](#) | [LinkedIn](#)

Profile

Enthusiastic Full Stack Developer and B.Tech Computer Engineering student with a passion for building innovative solutions. Skilled in C, Java, and Python, with hands-on experience in AI projects. Strong communication skills and a problem-solving mindset help me collaborate effectively and create impact applications. Always eager to learn and apply new technologies to real-world challenges!

Skills

Languages: C/C++, Java, Python, JavaScript, TypeScript, SQL, HTML, CSS

Technologies & Tools: AWS, EC2, DynamoDB, S3, SQS, Lambda, Athena, Elasticsearch, Spark, Hive, Presto, Kuber- netes, Docker, Splunk, Kafka, Spring, Angular, ReactJS, NodeJs, MongoDB, Express

Education

RCPIT Shirpur

B.Tech in Computer Engineering

Aug 2023 - Jun 2027

CGPA: 8.5/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing

SSC

Ahinsa International School, Dondaicha (CBSE Affiliated)

HSC

S.S.V.P.s Junior Science College, Dhule

Project Work

Automatic Certificate Generation (2024): Developed a Python-based tool to automate the generation of certificates for events or courses. Utilized templates and participant data from CSV files to create personalized certificates. Implemented functionality to export certificates in PDF format and send them via email. Used Python libraries like Pandas, Pillow, and ReportLab for processing and formatting. *Python, Pandas, Pillow, ReportLab*

Plant Disease Detection System for Sustainable Agriculture (2024): Built a web-based application to detect plant diseases using deep learning. Collected and preprocessed leaf images of various crops. Trained a CNN model to classify diseases and provided treatment suggestions. Integrated the model with a user-friendly frontend to assist farmers in real-time. *Python, TensorFlow, Flask, HTML/CSS/JS*

Human Pose Estimation for Yoga Pose Analysis (2025): Developed a yoga pose classification system using computer vision and pose estimation techniques. Collected pose landmark data using MediaPipe and trained a machine learning model to classify yoga poses. The system provides feedback for pose correction to assist users in maintaining proper posture. *Python, MediaPipe, scikit-learn, OpenCV*

Awards and Certificates

Advanced Functional Data Structures and Algorithms

Database and SQL

AICTE Virtual Internship Certificate

Cyber Security

Internships

AICTE Virtual Internship collaboration with Microsoft CSR Initiatives

