

MOHIT SHIRSATH

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Education

Amrutvahini College of Engineering, Sangamner

Nov 2021 – Jun 2025

Bachelor of Engineering in Computer Science

CGPA : 8.08

A P Patel Junior College, Nashik

Aug 2019 – Aug 2021

Maharashtra State Board of Higher Secondary Education

Percentage : 88.83

Don Bosco School, Nashik

Jun 2009 – May 2019

Maharashtra State Board of Primary and Secondary Education

Percentage: 90.60

Relevant Coursework

- Data Structures
- Database Management
- Computer Networks
- Operating System
- Cloud Computing
- Artificial Intelligence
- Software Management
- Web Technology

Experience/Internships

Innovations Hub

Jan 2024 – Jan 2024

AWS/DevOps

- Hands-on experience in cloud computing, CI/CD pipelines, and infrastructure automation
- Worked with AWS services like EC2, S3, IAM, and implemented DevOps practices using Docker and Kubernetes
- Developed and managed automated deployments using Git, Jenkins, and Terraform for scalability

Projects

Happitude - Happiness Assessment

- Built a web application to measure and enhance school happiness index using self-assessment tools
- Incorporated sections for well-being treatment such as games, music, and meditation, with data stored and managed real-time on Firebase

Prostate Cancer Detection using U-Net

- Developed a U-Net based segmentation model for precise prostate cancer detection from MRI scans
- Enhanced diagnostic efficiency, reducing radiologist analysis time and supporting faster decision-making

Symptom-Based Disease Prediction System

- Created a symptom based disease prediction system using a database for quick assistance and report generation
- Accelerated early diagnosis by delivering fast, data driven health insights through an intuitive symptom based interface

Technical Skills

Languages: Python, Java, C++, JavaScript

Frontend Development: HTML, CSS, JavaScript

Database: SQL, MongoDB

Tools: VS Code, Eclipse, AWS, Google Cloud, Jira, PowerBI, MATLAB

Technologies/Frameworks: Linux, GitHub, WordPress

Extracurricular

Gate CS Qualified 2024

Smart India Hackathon Winner 2024

PCET's Navdhara Winner 2021

State Level Swimmer

Languages

- English (Professional)
- Marathi (Native)
- Hindi (Fluent)
- Braille (Read & Write)