

# MOHIT SHIRSATH

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## Education

**Amrutvahini College of Engineering, Sangamner**  
*Bachelor of Engineering in Computer Science*

**Nov 2021 – Jun 2025**  
*CGPA : 8.08*

**A P Patel Junior College, Nashik**  
*Maharashtra State Board of Higher Secondary Education*

**Aug 2019 – Aug 2021**  
*Percentage : 88.83*

**Don Bosco School, Nashik**  
*Maharashtra State Board of Primary and Secondary Education*

**Jun 2009 – May 2019**  
*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**  
*AWS/DevOps*

**Jan 2024 – Jan 2024**

- 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) |
|--------------------------|--------------------|------------------|--------------------------|