

DIPAK MOHITE

Pune, Maharashtra

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Education

MIT Academy Of Engineering, Pune

Bachelor of Technology in Computer Engineering | CGPA: **8.95**

2022 – 2025

Pune, Maharashtra

Government Polytechnic, Osmanabad

Diploma in Computer Engineering | Percentage: **92.00%**

2019 – 2022

Osmanabad, Maharashtra

Relevant Coursework

- Cloud Computing
- Database Management
- Operating Systems
- Data Structures
- Software Engineering
- Computer Networks

Technical Skills

Programming Languages: C++, Java, Python (Basic), SQL

Web Technologies: HTML, CSS, JavaScript, Bootstrap

Cloud/DevOps: AWS (EC2, S3, IAM, RDS, DynamoDB, CodeCommit, CodeBuild, CodeDeploy)

Databases: MySQL, MongoDB

Tools: Git, GitHub, Linux, Postman, VS Code, VirtualBox

Projects

QR-Based Ticket Entry System for Museum | HTML, CSS, JavaScript, MySQL, AWS Cloud

- Developed a web-based **ticket booking system** that generates **QR-based tickets** sent via email after booking.
- Implemented **slot-wise ticket availability** to manage visitor flow and help museums effectively control crowds.
- Added **CanvasJS dashboards** for admins to visualize ticket data, including gender-wise booking statistics and daily/weekly sales graphs.
- **Enhanced the ticketing process** with digital validation through QR codes, reducing manual errors.
- [GitHub Link](#) | [Deployed Link](#)

AWS Cloud CI/CD Deployment of Food Ordering System | AWS CodeCommit, CodeBuild, CodeDeploy

- Developed a **full-stack food ordering system** with features like user login, menu browsing, cart, and order management.
- Implemented a **complete CI/CD pipeline** on AWS to automate build, test, and deployment of a web application.
- Configured **CodeCommit** for version control, **CodeBuild** for build automation, and **CodeDeploy** for instance-level deployment integrated through **CodePipeline**.
- [GitHub Link](#)

Sorting Algorithms Visualizer | C++, SDL2, Sorting Algorithms, Data Structures

- Developed a **C++ program using SDL2 library** to visualize and compare different sorting algorithms.
- Implemented **Selection Sort, Insertion Sort, Bubble Sort, Merge Sort, Quick Sort, and Heap Sort**, allowing users to **observe and compare how they work in real-time**.
- Enhanced understanding of **algorithm efficiency and behavior** through interactive visualizations.
- [GitHub Link](#)

Internships

AWS Cloud Virtual Internship

AWS Academy | [Certificate](#)

- Completed an **intensive cloud computing program** covering AWS services like EC2, S3, and IAM.
- Performed **hands-on labs** to design, deploy, and manage cloud-based applications.

Certifications

- AWS Academy Cloud Foundations [Certificate Link](#)
- AWS Academy Cloud Architecting [Certificate Link](#)
- Red Hat System Administration II (RH134) [Certificate Link](#)
- HackerRank SQL Certification [Certificate Link](#)

Achievements

- Secured **2nd Rank** in Diploma in Computer Engineering (Government Polytechnic, Osmanabad - 2022)

Leadership / Extracurricular

Association of Students of SCET

August 2023 – July 2024

Executive Member

MIT Academy Of Engineering, Pune

- As an **Executive Member**, Managed cultural events and organized department-level competitions, ensured successful execution through effective communication and leadership.