SHRIPAD KHANDARE

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Education

MIT Academy Of Engineering	**Nov. 2022 – Aug. 2026**
Bachelor of Technology in Computer Engineering — CGPA : 9.06/10	*Pune, India*

MIT Junior College	**2020 – 2022**
PCM with Information Technology — Percentage : 78/100	*Pune, India*

Relevant Coursework

- Data Structures
- Operating System
- Data Analytics
- Computer Networks
- Database Management
- Problem Solving

Experience

Core Decimal Solutions	**June 2024 – August 2024**
Full Stack Web Development Intern	*Pune, Alandi*

- Contributed to a Full Stack Web Project called "Project Planner," focusing on end-to-end development of interactive web applications.
- Developed the front-end using React JS, creating dynamic and responsive user interfaces to enhance user experience.
- Implemented back-end server-side logic using Express JS, ensuring efficient handling of HTTP requests and API integrations.
- Managed database operations using MySQL, including schema design, query optimization, and data retrieval for seamless application functionality.
- Gained hands-on experience in full-stack development, from designing user interfaces to managing server-side operations and database interactions.

Projects

Project Planner	*ReactJS, Express.js, MySQL*	**August 2023 – August 2024**

- Developed a collaborative project management web application using the MERN stack (MySQL, Express.js, React.js, Node.js).
- Implemented dual user roles: Project Creator and Project Completer, enabling task delegation and progress tracking.
- Designed the MySQL database schema, implemented backend routes with Express.js, and integrated frontend components using React.js.
- Streamlined project workflows, enhancing collaboration and productivity in team environments.
- ⚙ Project Planner

Hospital Management System	*Java, JSP, Servlets, MySQL*	**February 2024 – May 2024**

- Built a web-based system to manage hospital operations such as patient records, doctor appointments, and billing.
- Utilized Java, JSP, Servlets, JDBC, and MySQL for backend development and database management.
- Designed a user-friendly interface using HTML5 and CSS for seamless navigation and interaction.
- Improved administrative efficiency by automating tasks and centralizing data management.
- ⚙ Hospital Management System

Shortest Path Algorithm Simulation	*ReactJS, Data Structures, Tailwind CSS*	**September 2024**

- Developed a React-based web application to visualize and simulate shortest path algorithms (BFS, DFS, Dijkstra).
- Implemented algorithm selection features, allowing users to choose start and end points and compare algorithm efficiency.Built an interactive UI using Tailwind CSS for enhanced user experience and responsive design.
- Utilized data structures like graphs, queues, priority queues, and adjacency lists for efficient algorithm implementation.
- ⚙ Shortest Path Simulation

Technical Skills

Programming Languages: Python, C++, Java, HTML/CSS, JavaScript
Data Structures & Algorithms: Problem-Solving
Web Development: ReactJS, Full Stack Web Development
Databases: MySQL
Cloud Technologies: AWS EC2, AWS S3, AWS IAM
Tools: GitHub

Coding Profiles

HackerRank
5 Star in Python, MySQL, and Problem Solving

LeetCode
140+ Problems Solved

Naukri Code360
100+ Problems Solved — 2 Times College Topper

Certifications

CCNA: Introduction to Networks   **September 2024 – Present**
Cisco

HackerRank Python (Basic)   **February 2024 – Present**
HackerRank

Achievements

Second Rank in Datathon (2024)

- Achieved second rank in a machine learning and data science competition conducted by GirlScript MIT AOE.
  Certificate link

Languages

English: Fluent
Hindi: Fluent
Marathi: Native

Interests

Reading
Chess
Playing Tabla