

Karan Mandve

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📍 India

🌐 karanmandve

EDUCATION

Anjuman College Of Engineering And Technology

B.Tech in Computer Science And Engineering - 7.88 CGPA

Aug 2021 - July 2024

Anjuman Polytechnic

Diploma In Computer Science And Engineering - 89.09%

Aug 2019 - July 2021

WORK EXPERIENCE

smartData Incorporation

Software Engineer Trainee

Sep 2024 - Present

- Developed and maintained scalable applications using .NET, Angular, and MS SQL Server, significantly enhancing user experience and overall performance.
- Engineered efficient **single-page applications** with Angular, reducing development time by 35% while boosting application responsiveness and performance.
- Optimized database operations by implementing advanced **stored procedures** and **indexing** strategies, resulting in a 25% improvement in query execution speed.

PROJECTS

EHR Web Portal | .Net Core, Angular, HTML, CSS, MS SQL Server [🔗](#)

- Developed an Electronic Health Records (EHR) web portal using Angular that streamlined appointment booking and management
- Integrated the **Razor Payment Gateway** to support multiple payment options, including UPI, credit/debit cards, and net banking, thereby improving customer convenience by 30%
- Implemented **role-based access** control and **two-factor authentication**, reducing unauthorized access incidents by 80% and fortifying patient data security.
- Employed **bcrypt hashing** for passwords, achieving a 95% reduction in security vulnerabilities and ensuring compliance with healthcare standards.

VISTA | HTML, CSS, JS, Python, Flask, SQL Lite [🔗](#)

- Developed and optimized the front-end and back-end of VISTA, a Virtual Instant Student Test Assessment platform, to enhance its overall performance and functionality.
- Enhanced overall security by integrating the **Bcrypt hashing** algorithm, mitigating vulnerability risks by 95% and safeguarding sensitive exam data.
- Streamlined online exam processes to offer a modern, efficient alternative to traditional pen-and-paper methods, **cutting exam setup times by 40%** and increasing user satisfaction by 30%.

SKILLS

- **Languages:** C#, Python, JavaScript
- **Technologies/Frameworks:** .NET CORE, **ASP.NET CORE**, HTML5, CSS3, Bootstrap, Flask, MySQL, MS SQL Server, MongoDB
- **Developer Tools:** VS Code, PyCharm, Visual Studio, Git, Github

CERTIFICATE

Udemy - 100 Days Of Python Bootcamp By Angela Yu [🔗](#)

COURSEWORK

Database Management System | Object-Oriented Programming | Operating System