

# Vikrant Ahir

[vikgithub22](#) | [VikrantAhir](#) | [PortFolio](#) | [vikrantahir1@gmail.com](mailto:vikrantahir1@gmail.com) | [+91 9975274837](#)

## SUMMARY

Dedicated **Software Developer** with the ability to design and build efficient solutions that meet business needs. Known for strong problem-solving skills, attention to detail, and a constant drive to learn and improve.

## WORK EXPERIENCE

### INQUIZITY

#### Software Developer

Nov 2024 - present

- Developed and maintained responsive, high-performance front-end applications using Angular 18, improving overall usability and user engagement.
- Integrated complex backend services using C#(.NET) and also java and performed database operations using SQL, ensuring seamless data flow and application stability.
- Implemented server-rendered UI components with Razor (.cshtml) for product features, linking views to backend endpoints and improving render performance and SEO.
- Actively participated in code reviews, bug fixing, and performance tuning to enhance application reliability and maintainability.

### QSPIDERS

#### Intern

Aug 2024 - Oct 2024

- Completed hands-on training and internship focused on Java, React, and SQL, strengthening full-stack development skills.
- Built and deployed mini-projects integrating front-end and back-end technologies for real-world application understanding.
- Collaborated with mentors and peers to debug issues, optimize code, and enhance database performance.

## PROJECTS

### RESTAURANT FOOD APP

NODE.JS — EXPRESS.JS — MONGODB

- Developed a secure and scalable backend using Node.js, Express.js, and MongoDB with JWT-based authentication.
- Implemented RESTful APIs with Express.js and optimized MongoDB queries to ensure high performance and low-latency URL retrieval.
- Implemented custom middleware for token validation and role-based access control.
- Ensured data security by integrating encrypted password storage and secure authentication flows.

### FITNESS WEB-APP

REACT

- Engineered a dynamic fitness application using React, integrating Rapid API to dynamically display an exercise database categorized by muscle groups.
- Optimized state management through React hooks and Context API, ensuring seamless data flow and peak application performance.
- Utilized Material-UI to create a responsive, visually appealing interface, ensuring a consistent user experience across all devices.

### MENTAL-HEALTH CHATBOT

## PYTHON — AI-ML — NLP

- Created a robust conversational AI system that analyzed user inputs and generated contextually relevant, empathetic responses, simulating human-like interactions.
- Applied advanced NLP techniques, such as sentiment analysis and entity recognition, to accurately interpret and respond to complex emotional states and queries.
- Worked alongside mental health professionals to ensure the chatbot met ethical guidelines and delivered clinically accurate support.

## EDUCATION

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### Bachelor of Engineering in Information and Technology

Aug 2020 – May 2024

PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY, RASAYANI, PANVEL

CGPA: 8.30 / 10.00

## SKILLS

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- **Technical Skills:** JavaScript, ReactJS, Angular, Node.js, Express.js, MongoDB, Java, Python, SQL, PrimeNG
- **Hard Skills:** Responsive User Interfaces, Web Application Development
- **Certifications:** Introduction to Web Development, AWS Cloud Practitioner
- **Coursework:** Knowledge Management, Cloud Computing, Full Stack Web Development