Viraj Kothari

Full Stack Developer

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Problem-driven Software Developer with hands-on experience designing, implementing, and debugging end-to-end application features. Strong at translating business requirements into efficient, maintainable code, solving data flow and performance issues, and integrating backend services with frontend systems. Experienced in API development, database interactions, and delivering production-ready solutions in collaborative, agile environments.

Skills

- Application & System Design
- Backend Logic Development
- Data Structures & Algorithmic Thinking
- API Design & Integration (REST)
- Database Design & SQL Query Optimization
- Debugging & Root Cause Analysis
- Secure Coding Practices
- Performance Optimization
- Version Control (Git/GitHub)
- Unit & Integration Testing

Experience

Freelance Web Developer at Sky Wing Elegance LLP *Oct 2023 - Nov 2024*

- Developed responsive websites using WordPress
- Customized WordPress plugins and themes based on client requirements
- Deployed applications from development to production environments
- Implemented automated backup and disaster recovery solutions, ensuring 99.9% uptime and data integrity across all managed production environments.
- maintaining clean codebases and collaborating via GitHub/Bitbucket to streamline multi-developer workflows.

Freelance Developer at Brand Edge Digital Marketing *Sep 2024 - Nov 2024*

- Designed and implemented a React-based application architecture, handling dynamic client data, debugging complex issues, and validating all modules prior to production deployment.
- Led a team of 4 developers, reviewed code, resolved integration issues, and optimized overall code efficiency and maintainability.
- Debugged end-to-end application flows, tested every module thoroughly, and validated functionality before deployment to production.

Education

Master of Science in Information Technology
Jun 2024 - Mar 2026

Nagindas Khandwala College

- Enrolled in a blended work-study program designed to integrate academic learning with practical industry exposure.
- Curriculum focused on Data Science and Software Development, achieving a GPA of 9.55 (Ranked 1st out of 23 students).

Bachelor of Science in Information Technology
Jun 2021 - Apr 2024

Nagindas Khandwala College

- Programme focused on building strong foundations in programming, software engineering, logical thinking, and problem solving through intensive theoretical and practical training.
- Emphasized real-world application development, testing, and technical decision-making to prepare students for software development roles and engineering-driven careers.

Tech Stack

- **Frontend:** HTML5, CSS3, JavaScript (ES6), React.js, Bootstrap, jQuery
- **Backend:** PHP, Java, Advanced Java
- **Database**: MySQL, PLSQL
- **CMS**: WordPress (Custom Themes, Plugins)
- **Tools:** Git, GitHub, VS Code
- **Other:** REST APIs, Responsive Web Design, Deployment
- **Deployment** : AWS, Docker

Certifications

MBTB – Maharashtra Business Training Board (IT & Programming Certification)

Programming & Software Development: C (Jan 2022), C++ (Mar 2022), Advanced Java (Jul 2023), SQL (Jul 2024), PHP (Sep 2024).

Projects

- **Fraud Detection & Risk Scoring System: Built a rule-based fraud analysis system to identify anomalies and assign risk scores using structured data processing and SQL-driven logic.**
- **Private Chat Application: Developed a secure real-time messaging application using Java and Firebase, implementing authentication, data synchronization, and end-to-end module testing.**