Devkumar Patel

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EDUCATION

Stevens Institute of Technology | Hoboken, NJ   **September 2022 - May 2024 (Expected)**
Master of Science in Software Engineering,
• **Relevant Coursework**: Software Architecture, Agile in Software Engineering, Web Programming, Software Testing and Quality Assurance, Engineering Python, Software Requirement, Analysis and Engineering, Data Structures ,Element of Operations Research, Capstone Project Studio
Honors: Provost`s Masters Fellowship

A. D. Patel Institute of Technology | Anand, India   **May 2018 - June 2022**
Bachelor of Engineering in Computer Engineering,

Certifications:
- **Certified Scrum Master (CSM),** Scrum alliance 2024
- **Software Engineering Master Certification (SEMC),** IEEE 2024

WORK EXPERIENCE

Front-End & Back-End Developer | React.js | ASP.NET | Concetto Labs, Ahmedabad, India   **January 2022 – June 2022**
- Reduced server response time by 40% and boosted customer retention 15% using a robust **ReactJS/.NET** platform
- Revolutionized task management with a system that assigns projects to best-suited translators
- Centralized feedback system streamlined communication, improving client response rates by 20%
- Full-stack development with UCD increased user satisfaction by 35%, enhancing both client and translator experience

Web Designing and Frontend Intern | CreArt Solutions**,** Ahmedabad, India   **August 2021 – December 2021**
- Built high-performing blogging app (**Django, PostgreSQL, CSS**) leading to 50% more user sessions, 25% more page views, and 15% growth in user-generated content
- Launched app on **Microsoft Azure (Web App Service, SQL Databases)** for optimal performance and accessibility
- Designed efficient **CRUD APIs** for blog content and user management, achieving 50% faster data operations

Jr Business Analyst | Modern Engineering Company, Anand, India   **November 2020 – June 2021**
- Built comprehensive datasets using SQL scripting, improving data access for teams
- Collaborated with other departments to design business reports for future forecasting and plan
- Pulled daily reporting data using **SQL**, and used **Power BI** to create visuals, dashboards for business reporting

ACADEMIC PROJECTS

Stevens Institute of Technology

Job Application Tracker | Capstone Project Studio   **January 2024 – May 2024**
- Developed and launched job application tracking platform with AI. Increased application matching accuracy by 35% and reduced recruitment costs by 12%
- Led implementation of robust tech stack (**Angular 16, Python, Django REST Framework**). Ensured scalability, performance, and security for dynamic web application
- Engineered user-centric application for application management. Boosted job application approval rates by 12% and user engagement metrics

University Platform | Web Development   **August 2023 – December 2023**
- Led online college management tool implementation, overseeing key features and platform deployment
- Optimized class scheduling system, reducing administrative workload by 15% and student-teacher iterations by 20%

Weather Forecast | Agile Methodology   **January 2023 – June 2023**
- Developed real-time weather app using **OpenWeatherMap** API for granular user-specific data
- Optimized data retrieval (30% faster) and processing, leading to 10% increase in user satisfaction
- Demonstrated expertise in API integration, data handling, and performance improvement

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C++, JavaScript, PHP, C, C#
- **Fundamental Concepts:** Data Structures and Algorithms, Design Patterns, OOP Concepts, RESTful APIs
- **Databases:** MySQL, PostgreSQL, MongoDB, Firebase, CouchDB
- **Frameworks:** React, React Native, Spring Boot, Spring Security, Node, jQuery, Bootstrap, .NET, TypeScript
- **Miscellaneous:** HTML5, CSS, Git, AWS (EC2), Postman, VS Code