

Dhananjay Yatin Desai

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SKILLS

Programming Languages: Python, Java, .Net(Blazor), C# **Development:** HTML, CSS, UI/UX, JavaScript, React, Vue.js, Angular, TypeScript
Backend Development: Django, Node.js **Database Management:** SQL(MySQL), NoSQL (MongoDB, Firebase), SQL Server Management
API Development: RESTful APIs **Blockchain:** Ethereum (Smart Contracts), Web3, MetaMask
Cloud Platforms & Tools: AWS, Azure, Docker, Git, GitHub **Software Development Methodologies:** Agile, Scrum
Other Skills: Figma, Microsoft PowerApps, Project Management, Cross Functional, Team player

EXPERIENCE

Software Engineer, County of Los Angeles Probation Department **Sep 2024 - Present**

- Developed and deployed two web-based applications to streamline visitor access and documentation, reducing manual processing time by 30% and improving record accuracy by 40%.
- Led and facilitated weekly technology discussions, analyzing emerging trends and proposing solutions, resulting in a 15% increase in adoption of modern security and database management practices.
- Designed and presented a process automation prototype for tracking juvenile schedules, cutting administrative workload by 25% and improving data retrieval speed by 35%.

Software Developer, California State University, Los-Angeles **Jun 2023 - May 2024**

- Revamped university portal, increasing traffic by 20% and maintaining 99.5% uptime by resolving critical bugs such as login authentication issues, page loading errors, and broken links.
- Programmed Pepper Robot for event speeches using SDK and created engaging presentations, increasing student participation by 15%.
- Strengthened security for confidential university data through ongoing maintenance and security audits.
- Streamlined budget tracking with custom software, improving financial transparency for the university.

Software Engineer, MaxTech India **Jul 2020 - Aug 2021**

- Developed and managed software applications, leading to a 25% increase in conversion rates by incorporating client feedback.
- Designed and implemented backend services and APIs with Python and Django, optimizing data handling and integration, which improved system efficiency and reduced processing time by 20%.
- Executed comprehensive digital marketing strategies including SEO, social media, and PPC, increasing online restaurant orders by 30% and enhancing overall client revenue.
- Simplified software management processes, including domain management, hosting, and backups, improving client satisfaction through better communication and reliability.

PROJECTS

Juvenile Fire Equipment Tracking System – LA County Probation Department **Dec 2024 - Feb 2025**

- Built a Blazor-based fire equipment tracking system with EF Core and SQL Server, reducing manual tracking errors by 40% and improving compliance with automated record-keeping.
- Developed a centralized search and filtering system, cutting retrieval time for historical equipment data by 60%, enhancing decision-making for administrators.
- Integrated role-based authentication and Azure Blob Storage for file uploads, improving data security and accessibility, leading to a 30% increase in operational efficiency.

Visitation Access Control System - LA County Probation Department **Oct 2024 - Nov 2024**

- Designed and implemented a Visitation Access Control System for LA County Probation, streamlining visitor management and reducing manual processing by 30%.
- Optimized visitor data retrieval by integrating historical records and enhancing SQL queries, improving record retrieval speed by 40%.

Enhanced Automated Resume Screening System **Sep 2023 - Nov 2023**

- Architected an AI-driven system, cutting screening time and boosting candidate shortlisting precision, improving hiring efficiency.
- Integrated NLP algorithms, enhancing skill matching accuracy by 25% and optimizing candidate evaluation processes.
- Leveraged Docker for easy project management and seamless deployment, ensuring consistent and scalable performance.

EDUCATION

Master's in Computer Science, California State University, Los Angeles, California
Bachelor of Engineering in Information Technology, The University of Mumbai, India

CERTIFICATION - [Certificates](#)

- AWS Cloud Practitioner**, AWS Solution Architect Job Simulation, Blazor Deep Dive-Udemy & DeepLearning.AI-Coursera Certificate.