

Nilesh Gaikwad

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EDUCATION

B.E in Artificial Intelligence And Machine Learning

Savitribai Phule Pune University

Pune, India

Sept. 2023 – May 2026

Diploma in Electrical Engineering

Polytechnic college, Pune

Pune, India

April. 2021 – Oct 2023

EXPERIENCE

Web Development Intern

April 2024 – Sept 2024

Mmeac IT Services Pune

- Collaborated in teamwork, followed Agile-like workflows, and participated in task planning and code reviews.
- Gained hands-on experience in front-end web development HTML, CSS, JavaScript and React.
- Developed a responsive Web Pages using HTML, CSS, and JavaScript.
- Worked with JIRA for task tracking, sprint planning, updating tickets, and coordinating project work.
- Used Git version control system in using GitHub for collaboration, pull requests, and repository management.

Associate Trainee

April. 2021 – Oct. 2023

Mahindra & Mahindra Pvt.Ltd, Pune

- Developed PLC programs and Ladder Logic using RSLogix 500 for automation and control workflows.
- Designed and updated HMI/SCADA screens to improve usability and operator experience UI/UX process .
- Panel operation , maintain & monitoring systems with Repair and solve system issues.
- Troubleshoot problems when system failures.

PROJECTS

Paytm Wallet End to End | Html, Css, Tailwind, Typescript, NextJs, Nodejs, PostgreSQL

- Designed a secure, end-to-end financial backend using Express.js and Next.js, managing user authentication (JWT) and balance updates.
- Ensured transactional integrity by using PostgreSQL (ACID properties) and leveraging ORMs for reliable, safe database operations.
- Implemented robust data validation using Zod schema middleware to prevent bad input and protect the API from common security risks.

Developed Custom web components. | Javascript, Nodejs, MongoDB, Git & Github

- Designed custom library of web components using Vanilla JavaScript to create reusable UI elements that can be dynamically loaded and customized across different web pages.
- Demonstrated advanced JavaScript concepts by leveraging data and config attributes to initialize component state and manage updates without relying on heavy frameworks.
- Implemented a dedicated Node.js/Express backend connected to MongoDB to handle data persistence and serve the necessary configuration files for components.

Document Design Website | Html, Css, Javascript, JIRA

- Developed a comprehensive document design application using React to allow users to create and customise various templates (Certificates, Letters, Menus, Social Posts) etc
- Focused on user experience (UX) by implementing responsive CSS strategies and optimising component rendering to ensure a smooth, fast design process.
- Utilised JIRA for project management to track features, manage tasks, and coordinate the development timeline, demonstrating professional workflow adherence.

TECHNICAL SKILLS

Languages: Html, Css, JavaScript, TypeScript, Python, SQL (Mysql, Postgres), NoSQL (MongoDB), Linux

Frameworks: React, Node.js, Express, Next.js

Developer Tools: Git & GitHub, Docker, Kubernetes, AWS, Prometheus, Grafana, CI/CD (GitHub Actions), JIRA, NLP, Machine Learning, GenAI, ShadCN UI.

Libraries: mongoose, Zod, ORMs, Recoil, Pandas, NumPy, Matplotlib