

# Aditya Pandit

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## SUMMARY

Frontend Software Engineer with 2.5+ years of experience building scalable, high-performance React applications used in enterprise-grade energy management systems. Strong expertise in React, TypeScript, state management, API integration, and data-heavy dashboards, with experience working in Agile/Scrum teams on production systems impacting industrial operations and energy efficiency.

## TECHNICAL SKILLS

**Experience working on large-scale enterprise applications with real users and production deployments.**

**Languages:** React (Hooks, Functional Components, Performance Optimization), TypeScript (Strong typing, Interfaces, Generics), State Management (Redux / Context API), REST API Integration, Responsive Design Cross-browser Compatibility, JavaScript, CSS/SCSS, HTML, C#.

**Developer Tools:** Git, VS Code, Visual Studio, Azure, Bamboo, Coverity, BlackDuck Hub, Swagger, Twistlock.

**Libraries:** HighCharts, Web Components, MongoDB, D3.js.

## EXPERIENCE

### Software Engineer I

Aug. 2023 – Present

*Honeywell*

Bengalore, India

Asset Performance Management:

- Built and maintained data-intensive React dashboards for Asset Performance Management used by industrial clients, handling real-time and historical data visualization.
- Designed reusable, modular UI components using React, TypeScript, hooks, improving code reuse and reducing UI defects.
- Implemented state management & API integration to support complex workflows and real-time asset monitoring.
- Optimized UI performance by improving rendering logic and component structure for large datasets.
- Collaborated with UX designers, backend engineers, and product owners in an Agile/Scrum environment.
- Participated in code reviews, estimation, testing, and deployments for production releases.

### Software Engineer Intern

Jan. 2023 – June 2023

*Honeywell*

Bengalore, India

- Designed and developed a real-time notification panel for the APM team using React.js and TypeScript.
- Integrated APIs for real-time data aggregation, improving issue resolution and asset health monitoring.

## PROJECTS

### Portfolio Website | *ReactJs, TypeScript* | [link](#)

- Built a responsive portfolio application using React and TypeScript with reusable components and clean architecture.
- Implemented modern UI practices and optimized performance for faster load times.

### Dr. Medicine using OCR and NER | *Python, ReactJs* | [link](#)

- Built a full-stack application that extracts medicine names using OCR and NLP (NER).
- Integrated frontend with backend APIs to process unstructured medical data and display validated results.
- Focused on accuracy, error handling, and user-friendly UI.

## CERTIFICATES

### 1. Microsoft Azure AI : 900

### 2. Udemy ReactJs Course

## EDUCATION

### Vellore Institute of Technology

Bhopal, MP

*Bachelor of Technology in Computer Science Engineering - 8.62 CGPA*

*July 2019 – June 2023*

### Vikram Higher Secondary School

Bhopal, MP

*Senior Secondary Education*

*June 2018*