

ABHISHEK PATEL

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Portfolio: <https://abhishek-patel-36.vercel.app>

Professional Summary:

- Having **3** years of experience in developing Web Applications using **HTML5, CSS3, JavaScript, Tailwind, Typescript, React, Vue, Express.js, Node.js, Next.js, Three.js, Django, Python, Bootstrap**.
- Experience in working with **React** modules, services, templates, directives, services, and dependency injection to create a **SPA**.
- Experience in making **Responsive Web** Pages using Media Queries and **Bootstrap**, Material Design lite for styling mobile applications.
- Highly skilled at front-end engineering using **Object-Oriented** JavaScript.
- Expertise creating user validation forms and sending data to server using **RESTful** services.
- Experience in Developing **User Interface (UI)** Rich Web Applications, and Web Service Applications using Front End/User Interface (UI) Technologies like Object Oriented **JavaScript, Typescript, Node JS, Bootstrap, Media Queries, CSS Frameworks**.
- Developed and deployed web applications utilizing **PostgreSQL, MySQL, and MongoDB**, while implementing best practices for **security** and **performance** optimization.
- Experience in using **Chrome Developer Tools** for **debugging** and **troubleshooting** the code.
- Keen focus toward consistency and attention to detail primarily related toward **coding standards**.

Technical Skills:

Languages	JavaScript , Python, TypeScript
Web Technologies	JQuery, Node JS, NPM, Bootstrap, HTML5, CSS3
Framework	React.js, Express.js, Next.js, Node.js, Three.js, Vue.js, Tailwind CSS, HTML5, CSS3, Django
Databases	MySQL, Mongo DB, PostgreSQL

Professional Experience:

aiio GmbH

Jun 2022 – Aug 2023

Role: Software Developer

- Developed and maintained a full-stack online application utilizing **Django, React**, and **TypeScript** for aiio's process management software, "aiio."
- Contributed significantly to the development of functioning **databases**, apps, and servers to support the aiio platform's **backend architecture**.
- Collaborated with a cross-functional team to maintain **high code quality** and helped create and execute system architectural **designs, patterns**, and **techniques**.
- To improve overall system **performance**, I conducted code **reviews**, **debugged** bugs, and proactively addressed faults.
- Developed and improved process **management** features within aiio, allowing for seamless **modeling** and connecting of processes with **metadata** and documents.
- Designed responsive public-facing website pages using **HTML, CSS**, and **JavaScript** on the **front-end** with React.
- Facilitated **user-friendly** interactions by allowing employees to work effortlessly via the browser or Microsoft Teams.
- Developed **microservices** and **APIs** for core software services, including controllers, services, and persistence.
- Contribute to the generation of functional documents such as **user stories**, use cases, and **specifications** by supporting test and test management procedures.

- For effective development, collaboration, and version control, use **Visual Studio Code**, **Azure DevOps**, and other relevant tools.

Project Highlights:

Automotive Response for Process Improvement:

- To improve process **models** inside the existing framework, an **automotive response** system was implemented using the **ChatGPT** API.
- Collaborated with cross-functional **teams** to assess and comprehend user needs for process model **enhancement**.
- ChatGPT API was smoothly integrated into product, allowing users to obtain instant and **AI-driven suggestions** for process optimization with a **single click**.
- Extensive testing and optimization were carried out to ensure **efficient** and accurate **replies**, resulting in a more **user-friendly** and productive experience.
- Strong problem-solving abilities were demonstrated by identifying areas for **improvement** and proactively introducing **modifications** to the automotive response system.

Environment: React, TypeScript, Django, Python, HTML 5, CSS3, JSON, GIT, MySQL, Docker.

Kialo

May 2020 – Oct 2021

Role: Full Stack Developer

Responsibilities:

- Led development activities and took ownership of delivering several **components**, overseeing **design**, development, and **testing** phases.
- Migrated existing services to **React components** for enhanced responsiveness and reduced dependencies.
- Participated in the complete software development lifecycle, from the design phase to implementation, emphasizing **React** and **Python** technologies.
- Worked extensively on React and **Typescript** Single Page Application (**SPA**) domains.
- Designed responsive public-facing website pages using **HTML**, **CSS**, and **JavaScript** on the **front-end** with React.
- Executed full-stack website launches with a focus on front-end **features**, browser **manipulation**, Accessibility Standards, and cross-browser **compatibility**.
- Developed **microservices** and **APIs** for core software services, including controllers, services, and persistence.
- Implemented routing using **React Router**, **routing** provider **service**, and **HTML views/CSS styles**.
- Developed websites using React and conducted **unit tests** with tools like Jest and React Testing **Library**.
- Participated in **Agile Scrum** meetings, **Sprint** Review, **Retrospective**, and Sprint Demo for **stakeholder** communication.
- Maintained **Git** branches during **project** development, conducted merges, and used **Python tools** for **building** and **deploying** applications.
- Worked with React components, **hooks**, **context**, **routing**, and other features like **lazy** loading and events.
- Contributed to task **identification**, work effort estimates, and work schedules for development and maintenance activities.

Environment: Python, React, JavaScript, Typescript, PostgreSQL, Microservices, Git, HTML5, CSS3.

Techomax Solution

Sep 2015 – 2016

Role: Full Stack Developer

Responsibilities:

- Participated in the complete software development **lifecycle tasks** (design, coding, testing and documentation).
- Created and developed the web-page layout and positioned/developed design elements using **HTML** and **CSS**.
- Used **React** and **HTML5** to design and implement web interfaces.
- Created **Typescript reusable components** and services to consume **REST API's** using Component-based architecture provided by **React**.
- Involved in the development of **HTML** and **JavaScript** for client-side presentation and data validation on client side within the forms.

- Designed dynamic client-side **JavaScript** codes to build web forms and simulate process for web application, page navigation and form validation.
- Developed responsive applications using **Bootstrap** which allowed the same application to be optimized for both mobile and desktop resolutions.
- Designed and developed **RESTful** web services in Django to interact with enterprise and legacy applications.
- Tested **performance** of website using chrome tools and improved performance of application by implementing **lazy loading** and **avoiding memory leaks**.
- Designed a **Django** framework for interacting with the client **DB**.
- Responsible for front-end UI design using **HTML5, CSS3, JavaScript, jQuery**, jQuery plugins.
- Used **Media** Queries to deal with different **CSS** related issues on different devices. Utilized **JIRA** in both issue reporting, solutions testing and **bug** analysis.
- Extensively participated in developing the website across different browsers and performed **cross- browser testing**.
- Involved in **Unit integration, bug fixing, acceptance testing** with test cases, Code reviews.

Environment: React, TypeScript, Django, Python, HTML 5, CSS3, MongoDB

Education:

Master's in IT technology Management
Bachelor's in information technology

Online Learnings & Activities:

- Learning different photo editing software such as Photoshop, Premiere Pro, After Effects.
- Successfully completed certification courses from Udemy on React, Redux, Python, Django, micro frontend services, OpenAI API, three.js, Tailwind, etc.
- Learning new framework Three.js and enjoying making websites.