

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, Node.js, Three.js, Django, Python jQuery, WebGL, Bootstrap, JSON**.
- Experience in Frontend/Web development experience with **JavaScript, React, TypeScript, Vue, JSON, CSS3 and HTML5**.
- 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. Experience in **Unit Testing** (UIT), Integration Testing and in preparing test cases.
- 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**.
- Experience in developing and modifying **Python** applications using object-oriented design and analysis, which involved understanding the business and presentation logic, and converting them to programs.
- Developed and deployed web applications using **Node.js** and **PostgreSQL, MySQL**, employing 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	Python, Typescript, JavaScript
Web Technologies	JQuery, Node JS, NPM, Bootstrap, HTML5, CSS3
Server	Apache Tomcat, Glassfish
Framework	React, Django, Three JS, TailwindCSS
Project Management	Azure DevOps
Developing Tools	Visual Studio, MySQL Workbench
Databases	MySQL, Mongo DB, PostgreSQL
Testing	Postman

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, Spring Security, Rest web services, Bootstrap, JavaScript, Azure DevOps, Axios.

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.
- Followed Agile **methodologies** and practices in daily development.
- **Designed** and developed **RESTful** web services, tested web services using tools like **Postman**.
- 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, Jenkins, Bootstrap, Agile, HTML5,

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**.
- Used JSON to send request to the server to check the functionality of the websites and for **storing** and **exchanging** information between browsers and **servers**.
- 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, JSON, GIT, MongoDB, Rest web services, JavaScript, Azure DevOps

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 to make websites.