

# Zeeshan Hussain

## Software Engineer

As a passionate software engineer with experience in frontend and backend technologies, I specialize in developing efficient, scalable applications that deliver high-performance solutions. With a strong foundation in programming, web development, and AI/ML, I aim to leverage my expertise to build impactful projects in dynamic environments.

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Laurel, MD



## Skills

- **Languages:** HTML5, CSS3 (+ SCSS, BEM), JavaScript, Typescript, Java, Python, C++/C, PHP
- **Frontend Frameworks:** React (+ hooks), Next.js, Material-UI, Redux, AJAX
- **Backend Frameworks:** Node.js, Express.js, Flask, Django
- **Technology:** NPM, Git, Yarn, React dev tools, Firebase, Bitbucket
- **Databases:** MySQL, PostgreSQL, MongoDB, SQL
- **Cloud Platforms:** AWS (Solutions Architect Associate)
- **AI/ML:** Google's Gemini-Pro AI, OpenAI GPT

## Professional Experience

### Freelance Frontend Developer

Self-Employed

June 2024 - Current

- Delivered professional websites using HTML5, CSS3 (+ SCSS, BEM), Javascript and React best practices
- Improved website performance by compressing, caching, and lazy loading images and components
- Included SEO, responsive, multi-platform, and hosting support, enabling their website to be used by any browser or device globally
- Collaborated closely with clients to gather requirements, design wireframes, and implement custom features tailored to their business needs.

### Frontend Developer Support

Frontend Simplified

May 2024 - Current

- Supported students using HTML, CSS, Flexbox, Javascript, and React best practices
- Utilized debugging best practices Google Chrome and Microsoft Edge inspect element tooling
- Simplified difficult programming concepts including responsive website development, CSS layout, Promises, API requests, React hooks, and environment setup.

### Software Engineer Intern

Vibrant Dynamics, Washington, D.C.

June 2023 - June 2024

- **Mobile Application Development:** Assisted in the creation and maintenance of mobile applications (iOS, Android, Windows) leading to a 15% reduction in development time through cross-platform improvements. (Tech stack: Java, Swift, React Native)
- **SEO Optimization:** Collaborated with the SEO team to target key website traffic, increasing organic traffic by 20%. (Tech stack: SEO Tools, Google Analytics)
- **Website Enhancement:** Contributed to optimizing website performance and user experience, leading to faster load times and higher conversion rates. (Tech stack: HTML, CSS, JavaScript, WordPress)
- **Social Media Marketing:** Assisted in executing social media strategies that raised brand awareness and engagement by 25%. (Tech stack: Hootsuite, Buffer, Facebook API)

## Projects

### E-Portfolio

HTML, CSS, Javascript

- Built a personalized e-portfolio featuring project showcases, skill highlights, and a contact form.
- Utilized HTML, CSS, and JavaScript to deliver a user-friendly, responsive design.
- Integrated PHP for dynamic sections and improved interactivity, providing a seamless browsing experience for employers.

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### Google Gemini Clone

React, Vite, Tailwind CSS, AI-API-Key

- Built a clone of the Gemini website using React for component-based architecture, Vite for faster development and optimized build processes, and Tailwind CSS for streamlined styling.
- Developed a responsive, user-friendly interface, closely mimicking the original Gemini design while ensuring cross-device compatibility.
- Utilized React hooks and state management to ensure smooth navigation and dynamic content rendering across sections.
- Enhanced development workflow with Vite, enabling faster rebuilds and optimized performance during both development and production stages.

### Bike Shop Website

HTML, CSS, Javascript, React

- Developed a bike shop website with a custom-built search engine.
- Used JSON files for product data, dynamically pulling and filtering them with JavaScript.
- Improved search functionality and performance, allowing users to efficiently locate and compare products in real-time.

### Pokémon Card Search

React, HTML, CSS, Javascript

- Developed a responsive web application using React, HTML, CSS, and JavaScript that allows users to search for Pokémon Trading Card Game (TCG) cards with filters such as name, type, and rarity.
- Utilized React hooks, components, and routes to create a dynamic and seamless user experience across multiple pages, including a detailed card info page.
- Enhanced the search functionality by integrating React's state management to retrieve real-time card data.
- Improved the app's performance through lazy loading and optimized rendering, ensuring smooth operation even when handling large datasets.

### Treect Copy

HTML, CSS, Javascript

- Visually copied the Treect website using HTML and CSS, accurately replicating the layout and design.
- Ensured full responsiveness across devices, enhancing user experience with optimized loading times.
- Incorporated performance improvements using JavaScript for dynamic interactivity.

### PDF Chatbot

Python, AI, Streamlit

- Created an interactive PDF Chatbot using Python and Streamlit, allowing users to upload PDFs and ask questions about the content.
- Leveraged Google's Gemini-Pro AI for accurate and fast query responses.
- Reduced document processing time, significantly improving the user experience.

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## Education

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### Frontend Developer Bootcamp

Frontend Simplified

May 2024 - October 2024

### Bachelor of Science in Information Systems

University of Maryland, Baltimore County, Baltimore, MD

Graduation: Fall 2024

### Associate of Arts in Computer Science

Montgomery College, Rockville, MD

Graduated: Winter 2019