

Mahmud Ahmed

SKILLS

Web Development: Javascript, Typescript | React, Redux, Next.js, Gatsby, Vue | jQuery, DOM, HTML5, CSS3, Styled-Components, Emotions, AntDesign, MaterialUI | Webpack, Babel | Responsive Design

Backend & Database: Node.js, Express, Ruby, Rails | MongoDB, Firebase, Postgres, Prisma, MySQL, SQLite | Redis, Memcached | RESTful APIs | Authentication, Authorization, Encryption, Hashing

DevOps & Tools: Azure CI/CD, Azure Functions, Azure Web Apps, Vercel, Cloudflare Pages, Cloudflare Workers, Terraform | Git | Agile/Jira | Cypress/Jest | Google APIs, Google Maps | Stripe

EXPERIENCE

Studoyo, New York – Founding Engineer

March 2023 – PRESENT

[React, Typescript, NextJs, Firebase, Styled-Components, Vercel]

- Directed a team of 2 engineers in the end-to-end creation of a POC/MVP, orchestrating authentication, API integration, data fetching, security protocols, and data caching.
- Oversaw and actively led the implementation of calendar synchronization, seamlessly integrating a robust payment gateway using Stripe. Spearheaded the development of membership features, including subscription management, automated charges, and other related functionalities.
- Managed intricate aspects of the platform, including invoicing mechanisms and refund processes, ensuring a comprehensive and user-friendly system.
- Integrated Google Maps API, enabling users to search for nearby places and displayed markers for enhanced usability and engagement.

UiPath, New York – Software Engineer II to Senior Software Engineer

June 2020 – PRESENT

[React, Typescript, Gatsby, NextJs, GraphQL, MongoDB, Styled-Components, MUI, Cloudflare, Azure]

- Achieved a 100% enhancement in page creation speed through the development of a high-speed preview app, employing SSR with Gatsby features for real-time updates during content creation.
- Engineered an advanced cloning/localization app, dramatically reducing content generation time from over 2 hours to under 30 seconds across 8 formats, significantly boosting overall productivity.
- Designed scalable, reusable components with a key emphasis on CSS Grid/Flexbox principles, optimizing website performance and ensuring seamless user experiences across diverse devices.
- Conducted rigorous technical interviews to evaluate full-stack proficiency and cultural fit, ensuring smooth integration of top talent into the team.
- Spearheaded comprehensive internal documentation, streamlining onboarding and cultivating a knowledge-sharing culture, resulting in substantial resource savings and workflow improvements.

- Demonstrated a commitment to outstanding user experiences by crafting web pages with bespoke animations, prominently featured in impactful \$1M+ video case studies.

Goldman Sachs, Austin – *Software Engineer II*

August 2018 – May 2020

[React, Typescript, Gatsby, GraphQL, RESTAPI's, Cypress, Wordpress, CSS-in-JS, Ruby, Node]

- Constructed responsive React components and standalone functions, ensuring adaptability across various screen resolutions by leveraging Material UI and CSS media queries.
- Developed reusable React components using Hooks for state management and engineered APIs using Node.js, Express, and MongoDB.
- Achieved a 20% improvement in API response speed through data caching and request memoization strategies, significantly enhancing overall API performance.
- Implemented industry best practices, elevating website performance to remarkable Google Lighthouse scores of 95+ and increasing page load speed by 50%.
- Collaborated on the integration of RESTful and GraphQL APIs into the frontend UI using React.js and Gatsby.js, enhancing user experience and ensuring SEO best practices.
- Successfully upgraded Japanese WordPress websites to React.js & Gatsby, leading to a 40% increase in search engine optimization and a 25% improvement in user traffic.
- Engineered an efficient design system employing Storybook, React, and MUI for partner product websites, reducing UI development time by 30% and expediting the release cycle.

Boston Globe Media (Stat News), Remote – *Software Engineer*

November 2017 – December 2018

[React, Typescript, Javascript, Vue, HTML, CSS, Redux, Redux Toolkit, Cypress, Mocha]

- Contributed to the development of a visually appealing and highly functional website with HTML, CSS3, JavaScript, Bootstrap, React, JS, GSAP, Material UI, Redux, custom and predefined components, animations, and custom hooks, resulting in a 20% increase in user engagement.
- Actively participated in design review sessions, client requirement discussions, and all scrum ceremonies resulting in a 20% reduction in project timeline, leading to early product launch and increased revenue.
- Implemented seamless integration between web applications, CMS, API, and third-party services, leading to a 30% reduction in data retrieval time and significant cost savings.
- Collaborated closely with UI and UX teams to implement responsive web designs, resulting in improved user experiences across devices and a 20% increase in mobile user engagement.
- Implemented comprehensive Cypress testing guidelines and optimized previous tests, resulting in a significant enhancement in frontend testing capabilities and more precise identification of issues within frontend components.

EDUCATION

App Academy, New York – *Top-tier Fullstack Bootcamp*

June 2017 – October 2017

Queens College, New York – *Bachelor of Science, Computer Science*

September 2013 – June 2017