MUHAMMAD
A H M E D

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LANGUAGES		LIBRARIES		DATABASES	TOOLKIT		SKILLS
TypeScript	Python	React.js	Node.js	MySQL	Git & GitHub	Vercel	Unix/Linux
JavaScript		Next.js	Redux.js	PostgreSQL	Jira	Heroku	BASH
CSS/SCSS		Three.js	Express.js	Oracle 12c	Figma	Netlify	Object Oriented Design
HTML		Vue.js	jQuery	MongoDB	Adobe Suite	VS Code	UI/UX Design

EXPERIENCE

Lead Front End Developer
Oct 2023 – Ongoing
Hexa
Waterloo, ON, CA
- Designed robust front-end architecture in **TypeScript** using **React.js**, **Node.js**, **Animate on scroll**, SCSS, and **semantic HTML** to create **responsive**, feature-rich web pages, that can be used across dozens of devices
- Developed a library of customized controlled components which are utilized in **30+ locations** across the company's educational platform and enable its user-base of **10,000+ users** to register, make payments, filter, and select content
- **Led 2 junior developers** in a project to make the company's web app more scalable and reusable, in which **50+ functional React components** across **7 web pages** were refactored
- Collaborated closely with the design team, quality assurance team, and project manager throughout development, via consistent communication and collaboration sessions, to ensure products had the company's desired look and feel

Career-Break
May 2023 – Aug 2023
- Emergency lung surgery for a pneumothorax, followed by rest and rehab

Full Stack Developer
Jan 2023 – Apr 2023
Media.Monks
Toronto, ON, CA
- Developed responsive web applications in **TypeScript** using **Next.js**, **React.js**, **Node.js**, **GSAP**, SCSS, and **HTML**
- Overhauled controlled components, including sliders, double sliders, drop-downs, and input fields, for **IBM's GT4SD** user interface library, effectively **fixing functional bugs**, **reducing code by 33%**, and making **code cleaner and more readable**
- Developed a promise-based module using **TypeScript** and **Node.js** to fetch and process **50,000+ objects of data** from a **4-layer deep API** with **21+ endpoints**, using the least possible number of requests, which was used as the **central module** for **Adidas's 2023 champions league WhatsApp AI bot**
- Collaborated with the analytics team to incorporate Google Analytics into the company's boilerplate, which is utilized for **90% of the company's client projects**

Front End Developer
May 2022 – Dec 2022
Media.Monks
Toronto, ON, CA
- Collaborated in **agile-oriented teams of 7+** to develop responsive, cross-browser compatible, and accessibility compliant websites in **TypeScript** using **Next.js**, **React.js**, **Node.js**, **Redux**, **GSAP**, **Three.js**, SCSS, and **HTML** for a variety of clients
- Migrated **20+ reusable functional React components** from JavaScript to TypeScript and ported them into a project during its pre-development phase, effectively **speeding up its development phase by 100%** relative to a similar project
- **Translated Figma designs** to functional React components for **Facebook's Meta Connect 2022 event website** in **TypeScript** using **Next.js**, resulting in **700+ lines** of code contributed to the live site
- Managed code versioning, code revisions, tasks, and timelines using **Git**, **GitHub**, and **Jira**

PROJECTS

Blogging App | HTML5, Bootstrap 5, JavaScript (ES6), Express.js, MongoDB, PostgreSQL, Git   Jan 2022 – Apr 2022
- Developed a full-stack blogging website where users may create an account and publish/view posts
- Integrated **MongoDB** and **PostgreSQL** databases through self-developed modules that handle **CRUD** operations
- Created a **REST API** with GET, PUT, POST, DELETE operations using **Express.js**
- Used **HTML**, **Bootstrap**, and **Handlebars.js** for an efficient and functional front-end

EDUCATION

Seneca Polytechnic College of Arts and Technology
North York, ON, CA
Ontario College Diploma, Computer Programming
Jan 2021 – May 2023
CGPA: 4.0/4.0 (High Honours, President's Honour List - Winter 2021, Summer 2021, Winter 2022, Fall 2022)