Charlie Chan

45 Whitlock Crescent,
Ajax, ON L1Z 2B2
Canada

Email: cchan_03@yahoo.ca
Mobile:(416) 857-3132
LinkedIn: www.linkedin.com/in/charlie-chan-2497884b
GitHub: https://github.com/Blynx03

Web/JavaScript/React/Software - Front-End Developer

OBJECTIVE

Front-End Web Developer with expertise in JavaScript, React and Typescript, specializing in crafting responsive, dynamic single-page applications (SPA). Eager to contribute to innovative projects and deepen my expertise in front-end development within a collaborative environment.

EXPERIENCE

Jan 2022 - Present
Front-End Developer | JavaScript | React

- **Front-End Development:** Proficient in building and optimizing SPAs using JavaScript, React (including Hooks and Context API for state management), Typescript, HTML, CSS and Node.js.
- **API Integration:** Integrated REST APIs to ensure smooth data flow and improve application functionality.
- **Version Control:** Managed source code through Git/GitHub, ensuring effective version control.
- **Technical Knowledge:** Familiar with UI/UX principles and experienced with tools like SASS , Next.js, Bootstrap and Material UI.
- **Problem-Solving and Logic:** Strong foundation in data structures, logic and algorithm development, applied to responsive design and interactive UI components.
- **Code Quality:** Passionate about quality and committed to writing clean, readable code following best practices.
- **Technical Writing and Communication:** Strong verbal and written communication abilities, ensuring clarity in technical discussion and documentation.
- **Self-Motivation and Initiative:** Proactively takes on new challenges and responsibilities, consistently aiming to enhance project outcomes.
- **Continuous Learning:** Actively seeks out new tools, frameworks, and industry knowledge to stay updated and improve technical skills.

- **Team Player and Adaptability:** Eager and adaptable to work on any type of task, from simple to complex. Takes initiative, offers help whenever possible, and goes above and beyond what is asked.
- **Quick Learner and Problem-Solver:** Learns quickly, asks questions when needed, and proactively offers ideas and solutions to any problems.

May 2012 – Jan 2022
Sr. Quotation Specialist
Lazer-Tech Limited
www.lazer-tech.com
Toronto, Ontario, Canada

- Led the development and implementation of Price Matrices and conducted cost estimation.
- Managed the Quotation Department and helped managed processes cost adders.
- Reported directly to the President of the company.
- Assisted the Sales Team in achieving target revenue.
- Created, analyzed and submitted bid proposals.
- Assisted in negotiating Long Term Pricing Agreements with customers.
- Reviewed PCB files (gerbers) sent by customers using CAM-350, Genesis Valor, AutoCAD, AutoVue, Acrobat etc., if necessary.
- Responded to and resolved customer issues related to pricing, designs, panelization, etc.
- Called PCB designers/buyers to maintain strong company relationship.
- Assisted customer service representatives with any pricing issues.
- Acted as Technical Support for Designers seeking cost savings in their designs.
- Facilitated the exchange of relevant information to gain cooperation, solve problems, or obtain project approval.
- Provided the rationale behind changes in business directions/decisions to garner support/commitment from the department/group.
- Encouraged and managed debate over complex and highly contentious issues to a satisfactory resolution.

Jul 2004 – May 2012
Sr. Quotation Analyst
Firan Technology Group (FTG)
www.ftgcorp.com
Toronto, Ontario, Canada

- Led the development and implementation of Price Matrices.
- Managed the Quotation Department.
- Conducted cost estimation.
- Reported to the President and collaborated closely with the General Manager of the company.

- Collaborated with the Vice President of Sales and Directors of Sales to help meet target revenue.
- Made, analyzed, and submitted bid proposals.
- Took responsibility for processes cost adders.
- Assisted in negotiating Long Term Pricing Agreements with customers.
- Reviewed PCB files (gerbers) sent by customers using CAM-350, Genesis Valor, AutoCAD, AutoVue, Acrobat etc., if necessary.
- Responded to and resolved any customer issues related to pricing, designs, panelization, etc.
- Called PCB designers/buyers to maintain strong company relationship.
- Assisted customer service representatives with any pricing issues.
- Delegated RFQs to Quote staff to meet RFQ submission deadline.
- Stayed in touch with the VP of Sales and Directors of Business Development on a regular basis for updates.
- Submitted daily booking and quotation activity reports to President, GM, and Sales Team to aid in analysis and meeting target revenue.
- Acted as Technical Support for Designers seeking cost savings in their designs.
- Drove various review processes for the group; conducted regular progress reviews of the group and/or projects.
- Prepared and presented business plans to department/group, management, and clients; negotiated and counseled in a specialist capacity with internal and external contacts.
- Exchanged appropriate information to gain cooperation, solve problems, or obtain project approval.
- Maintained and developed large accounts and conducted sales forecasting.
- Assisted in the development of the staff's proposal.
- Promoted teamwork and cooperation within the department/group, and within the organization, to achieve shared objectives.
- Encouraged and managed debate over complex and highly contentious issues to a satisfactory resolution.

Feb 2002 – Jul 2004
PreCAM Operator/Methods Engineer
TTM Technologies (formerly known as Dynamic Details Inc.)
www.ttm.com
Toronto, Ontario, Canada

- Worked as a Methods Engineer specializing in fabricating Printed Circuit Boards (PCB).
- Main recipient of the company's email communication.
- Operated as PreCAM Operator.
- Provided consultation on quotations.
- Offered expertise as a File consultant.
- Reviewed PCB files (gerbers) sent by customers using CAM-350, Genesis Valor, AutoCAD, AutoVue, Acrobat etc.
- Resolved problems encountered during the review of files from

customers.
- Initiated calls to PCB designers to foster and maintain strong company-customer relationships.
- Assisted customer service representatives in the quotation process and resolution of customer issues.
- Delegated released jobs from the customer service representative to the Camming and Engineering Department.
- Tracked customers' responses to meet PCB fabrication deadline.
- Delegated reviewed files to account handlers.

EDUCATION

Apr 1993
AMA Computer University
Philippines-Manila-Makati

Bachelor's Degree
Bachelor of Science in Computer Engineering
Major in Design Project

CERTIFICATIONS AND PROJECTS

- **Certifications:**
  - *The Complete 2022 Web Development Bootcamp, Udemy (certificate)*

- **Portfolio Projects (**more at My Portfolio**):**
  - **Silya – Front-End E-Commerce Platform:** Engineered a full front-end e-commerce application for purchasing chairs using React, JavaScript, HTML5, and CSS3. Implemented dynamic routing and state management to support a gallery with filtering/search, detailed product pages, a persistent shopping cart, login/signup authentication, and a multi-step checkout with payment form validation. Ensured responsive layouts and intuitive UI interactions across devices, integrating controlled components and optimized DOM updates for a seamless shopping experience.

  - **MasterMind Game:** Created an interactive command-line game that challenges users to crack a secret code across different levels, each with unique rules. Built with HTML, CSS, vanilla JavaScript, and select libraries, this game is designed for responsiveness, adapting seamlessly to both portrait and landscape orientations on mobile devices.

  - **Bubblitz – Reflex & Focus Game:** Architected a browser-based interactive game with TypeScript, React, and requestAnimationFrame for high-performance

rendering. Built a scalable game loop and component structure using React Hooks and strong typing to manage dynamic ball generation, sequential sorting mechanics (ascending/descending), progressive difficulty scaling, timed levels, and a multi-life system. Developed optimized animation logic, adaptive UI state transitions, and modular game behaviors to deliver smooth gameplay and cognitive challenge under increasing motion and visual complexity.

TECHNICAL SKILLS

- **Languages and Frameworks:** HTML, CSS, JavaScript, React, TypeScript, Node.js (familiar with core concepts and practices).
- **Libraries and Tools:** Bootstrap, Tailwind and Material UI. (familiarity may vary based on version)
- **Design Software:** Adobe Photoshop, Corel Draw (basic knowledge)
- **Office and Database Tools:** MS Office, MS Access
- **Additional Technical Proficiencies:** Familiar with installing and configuring software/hardware, LAN/WAN management; foundational knowledge of Python, Turbo C, Turbo Pascal, Visual Basic, AutoCAD, and 3D Animation.

REFERENCES

Mr. Lwin San
Illumiti Inc.
SAP BASIS Consultant
Phone Number:
416.817.3786
Email Address:
lsan@illumiti.com

Mr. Enrique Dominguez (retired)
Walmart
Software Developer
Phone Number:
647.982.4623

Mr. Sugreev Rajpal
ScotiaBank
Engineering Leader/CRM
Phone Number:
647.984.6062