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| **Alain** Mena | **UX/UI DESIGNER | SOFTWARE ENGINEER | FULL STACK DEVELOPER** |

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| **SKILLS**  **Frontend:** React.js, Vue.js, AngularJS, TypeScript, WebGL, HTML5, CSS3, Bootstrap  **Backend:** Node.js, Express.js, Python, PHP, REST APIs, GraphQL, MongoDB, PostgreSQL  **Architecture:** Microservices, Distributed Systems, Scalable Design, OOP, SOLID Principles  **DevOps & Cloud:** AWS, GCP, Azure, Docker, CI/CD, Serverless, Load Balancing, Geo-Routing  **Security & Networking:** OAuth, JWT, SAML, DNS, Firewalls, VPNs, Cybersecurity Best Practices  **Agile Methodologies:** Agile, TDD, BDD, A/B Testing, XP Workflows  **EXPERIENCE**  **University of North Carolina, Chapel Hill (edX/U2)**  *Full Stack Instructor* • Remote | **07/2023 – Present**   * Graduated over 60 students, maintaining near-perfect KPIs * Delivered full-stack curriculum covering Git, JavaScript, React, Node.js, Express, SQL/NoSQL, OOP, RESTful APIs, MVC architecture, and Agile development practices * Continuously diagnosed environment & code bugs (live/on-air)   **Tudays**  *Developer & Solutions Architect* • Hybrid | **09/2019 – 04/2024**   * Created content and ads driving hundreds of weekly sales * Built AI-powered POS system, boosting operational efficiency * Designed self-service/catering tools, reducing staff dependency   **Outdoor Network (ODN)**  *Senior Full Stack Developer* • Hybrid | **05/2020 – 10/2021**   * Played a key role in optimizing the checkout process, resulting in a 25% revenue increase * Built recommendation algorithm for 2M+ products * Created a multi-million SKU processor that cut a multi-week process to 48 hours * Implemented product collections to streamline navigation, helping customers find items faster and reducing cart abandonment   **BluIP, Inc.**  *Senior Full Stack Developer* • Hybrid | **01/2012 – 04/2020**   * Created a tool that could provision an entire hotel's phone system in minutes, allowing the company to onboard multiple hotels in a single day, rather than just one per week * Enabled BluIP to sign a multi-year contract with AstraZeneca, funding the salaries of the entire development team * Conceptualized and managed the brand, design, topology, and support for an end-user/call-center softphone * Built a cybersecurity and fraud prevention system reducing losses | **EDUCATION**   * Associate Degree – *St. Petersburg College, 2009* * Full Stack Web Development – *UNCC, 2023*   **CERTIFICATIONS**   * Generative AI for Educators * Premium IT Admin Features * Google Ads – Measurement * Google My Business * Google Analytics   **COURSEWORK**   * JavaScript Fundamentals: Arrays, Functions, and Objects * TypeScript & OOP with TypeScript * Python: Data Structures, Strings & Lists * PostgreSQL & Relational Databases * Big Data Concepts * REST APIs & MVC Architecture * Full Stack Application Development (MERN Stack) * Progressive Web Apps (PWAs) * Scalable Microservices Architecture * Agile Development, CI/CD & Testing   **INTERESTS**  Fishing • Theme Parks • Halloween |