Jacob Mirelez

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Results-oriented **Full-Stack Developer** with over 4 years of freelancing experience, specializing in building high-performance, scalable applications for various industries. Expert in using modern technologies like **React.js**, **Node.js**, **Vue.js**, **Angular**, and **Python** to deliver software solutions for web and mobile platforms. Adept at managing full software development lifecycle (SDLC), including client communication, project scoping, development, testing, and deployment. Strong advocate for writing clean, maintainable code and applying **Agile methodologies** to ensure successful project delivery.

**SKILLS**

* **Languages:** JavaScript, Python, TypeScript, HTML5, CSS3, SQL, NoSQL
* **Front-End Development:** React.js, Vue.js, Angular, Bootstrap, jQuery, TailwindCSS
* **Back-End Development:** Node.js, Express.js, Django, REST APIs, GraphQL, Firebase
* **Databases:** MongoDB, PostgreSQL, MySQL, Redis
* **Version Control:** Git, GitHub, GitLab, Bitbucket
* **Tools & Technologies:** Docker, AWS (S3, Lambda, EC2), CI/CD Pipelines, Jenkins, Webpack, Nginx
* **Project Management:** Agile (Scrum, Kanban), Jira, Trello
* **Testing & Debugging:** Jest, Mocha, Chai, Postman, Selenium
* **Other:** API Integration, Web Security, Authentication (JWT, OAuth), UX/UI Best Practices, Client Communication

**PROFESSIONAL EXPERIENCE**

**Freelance Full-Stack Developer | Austin, TX** *June 2020 - Present*

* Developed and delivered 25+ full-stack web applications and mobile apps for clients across various industries including **e-commerce**, **real estate**, and **healthcare**.
* Managed the entire development cycle: from gathering client requirements, architecture design, to development, testing, and deployment using **Agile** practices.
* Utilized a range of modern technologies, including **React.js**, **Node.js**, **Vue.js**, **Python**, **GraphQL**, and **AWS**, to deliver scalable, high-performance applications.

**Key Projects:**

1. **E-Commerce Platform Development** Client: Fashion Store Inc.  
   **Tech Stack**: **React.js**, **Node.js**, **MongoDB**, **Stripe API**, **AWS Lambda**, **S3**
   * Architected a high-performance, scalable e-commerce platform with real-time product listings and integrated **Stripe API** for secure payments.
   * Implemented a **RESTful API** using **Node.js** and **Express**, handling product management, user authentication, and shopping cart features.
   * Optimized front-end performance using **React Hooks** and **Redux** to manage complex state, reducing page load times by 40%.
   * Deployed the application using **AWS Lambda** for serverless architecture, ensuring a 99.9% uptime.
2. **Project Management Tool** Client: Creative Web Studio  
   **Tech Stack: Vue.js, Firebase, Express.js, Node.js, Jira API**
   * Designed and developed a real-time **project management tool** using **Vue.js** and **Firebase**, enabling teams to assign tasks, set deadlines, and track project progress.
   * Implemented role-based access control (RBAC) to ensure secure user management and assigned roles using **Firebase Authentication** and **JWT tokens**.
   * Integrated **Jira API** to sync tasks and milestones, automating reporting and improving task tracking efficiency by 50%.
3. **Real Estate Listing Web App** Client: RealtyTech Solutions  
   **Tech Stack**: **Angular**, **Django**, **PostgreSQL**, **Docker**, **Nginx**
   * Built a responsive real estate platform allowing users to filter and search properties, leveraging **Angular** for a dynamic front-end experience.
   * Implemented a custom CMS with **Django** to allow realtors to upload property listings, manage content, and track analytics.
   * Optimized back-end using **PostgreSQL** and **Redis** for caching, reducing database query times by 60%.
   * Deployed the application using **Docker** and **Nginx**, ensuring seamless scalability and load balancing.
4. **Fitness Tracking Mobile App** Client: FitTrack Inc.  
   **Tech Stack**: **React Native**, **Node.js**, **PostgreSQL**, **Firebase Cloud Messaging**
   * Developed a cross-platform mobile app for tracking workouts, meal plans, and fitness goals using **React Native**.
   * Integrated push notifications using **Firebase Cloud Messaging** to deliver real-time updates on workout reminders, achieving a 20% increase in daily active users.
   * Deployed an **Express.js** server for API endpoints, connecting to a **PostgreSQL** database for secure data storage and retrieval.

**Achievements:**

* Rated **5 stars** on freelancing platforms (Upwork, Fiverr) for consistently delivering projects on time and surpassing client expectations.
* Increased repeat business by 40% due to high client satisfaction and strong communication throughout the development cycle.
* Completed over **$200,000** worth of projects, ranging from $5,000 to $50,000 in budget, ensuring adherence to both time and cost constraints.

**CERTIFICATIONS & CONTINUOUS LEARNING**

* **AWS Certified Solutions Architect – Associate**  
  Amazon Web Services | 2023
* **Full-Stack Web Development with React**  
  Coursera | 2020
* **JavaScript Algorithms and Data Structures**  
  FreeCodeCamp | 2021

**PROJECT PORTFOLIO**

* GitHub: [github.com/jacobmirelez](https://github.com/jacobmirelez)
* Portfolio Website: [jacobmirelez.com](https://jacobmirelez.com)

**EDUCATION**

**University of Texas - Austin** May 2013

Bachelor of Science in Computer Science.

* Relevant Coursework: **Data Structures**, **Algorithms**, **Operating Systems**, **Software Engineering**, **Database Management**, **Machine Learning**