Nayef Jaber

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Education

California State University, East Bay   Expected May 2028
B.S. in Computer Science, Minor in Information Technology (GPA: 3.9 / 4.0)   *Hayward, CA*
- **Relevant Coursework:** CS 101 - Computer Science I, CS 201 - Computer Science II, CS 301 - Data Structures and Algorithms, CS 221 - Computer Organization and Assembly Language, CS 211 - Discrete Structures, CS 311 - Programming Language Concepts, CS 351 - Web Development, CS 411 - Automata and Computation, CS 453 - Mobile Programming, CS 225 - Numerical and Linear Algebra

Experience

Freelance Full-Stack Web Developer   Jan 2026
Ace's Garage Door   *Remote*
- Designed and developed a production website using **jQuery**, **JavaScript**, **HTML**, and **CSS**, with a focus on performance and maintainability.
- Integrated frontend components with **backend services** and third-party tools, emphasizing clean data flow and scalable structure.
- Collaborated directly with the client to gather requirements, iterate on features, and deploy updates in a remote freelance environment.

Projects

SaaS Backend Template ⏻   *TypeScript, Express.js, PostgreSQL, Prisma, Redis, SaaS*
- Developed a scalable SaaS backend template using **TypeScript** and **Express.js**, designed for multi-tenant web applications.
- Implemented a **PostgreSQL** database schema with **Prisma** ORM for type-safe data modeling and efficient queries.
- Integrated **Redis** caching to optimize API response times and improve system performance under high load.
- Built RESTful APIs with authentication, authorization, and rate-limiting, providing a secure foundation for SaaS applications.
- Structured the project for easy deployment, serving as a reusable template for future full-stack applications.

MALABIS: Digital Wardrobe Organizer ⊘ ⏻   *MongoDB, Express.js, React.js, Node.js, Cloudinary, Sharp*
- Built a full-stack **MERN** web application for uploading, categorizing, and managing clothing items in a personal smart wardrobe.
- Integrated Cloudinary and Sharp for automatic background removal, image optimization, and **cloud storage**.
- Designed a mobile responsive UI with modern animations and optimized uploading for a smooth user experience.
- Enabled secure user authentication with **Passport.js** and managed persistent sessions via MongoDB-backed storage.

AI-Powered Daily Calendar Summarizer ⏻   *Python, Google Calendar API, OpenAI, Twilio*
- Developed a **Python** script that fetches daily Google Calendar events, summarizes them using OpenAI models, and sends a briefing via Twilio SMS.
- Integrated **Google Calendar API** for event retrieval, OpenAI API for summarization, and Twilio for automated SMS delivery.

Encrypted Password Manager ⏻   *C++, Qt6, CMake, QCryptographicHash, QTableWidget*
- Developed a desktop password manager with a secure **Qt6 GUI** for encrypted credential storage and retrieval.
- Implemented login authentication using **SHA-256 hashing** and a master password to restrict access to stored credentials.
- Designed an interface to add, delete, and view login details using QTableWidget and dialog prompts.
- Built custom XOR-based encryption/decryption logic for obscuring passwords in memory and on display.
- Packaged application with CMake and ensured compatibility with Windows systems using MinGW and C++17.

Technical Skills

Languages: Go, Python, C, C++, JavaScript, TypeScript, SQL, HTML/CSS, Assembly
Frameworks/Libraries: Express.js, React.js, Node.js, jQuery, Pandas, NumPy, Seaborn, Matplotlib
Tools: Git/GitHub, VS Code, Docker, Redis, Vercel
Databases: PostgreSQL, MongoDB, MySQL, SQLite, Prisma