Ahmed Garcia
Full Stack Developer
Location: New York, NY | **Email:** ahmed.garcia.ramos@gmail.com | **Phone:** (917) 689-0242 |
LinkedIn: N/A | **GitHub:** https://github.com/AhmedGarcia

Professional Summary

Innovative Full Stack Developer with extensive experience in building robust and scalable web applications. Proficient in both front-end and back-end technologies, including JavaScript, React, Node.js, Express, PostgreSQL, MongoDB, and Mongoose. Adept at developing and maintaining dynamic user interfaces and backend services with a focus on clean code and optimal performance. Demonstrated ability to work collaboratively in agile environments and deliver high-quality, user-centric solutions.

Technical Skills

- **Front-End:** HTML, CSS, JavaScript, React, Redux, Bootstrap, Foundation
- **Back-End:** Node.js, Express, RESTful APIs, GraphQL, JWT Authentication
- **Databases:** PostgreSQL, MongoDB, Mongoose ORM, Sequelize ORM
- **Dev Tools:** Git, Webpack, npm, Docker, Service Workers, IndexedDB
- **Other:** Agile/Scrum Methodologies, Unit Testing, Continuous Integration/Deployment (CI/CD), PWA Development

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Professional Experience

Backend Developer
Social Book Review Platform (MERN Stack Project)
New York, NY | Jan 2024 - Present

- Designed and implemented a GraphQL API with JWT authentication and authorization, managing user roles and permissions.
- Built robust Mongoose models and MongoDB schemas to handle complex data relationships and queries.
- Integrated third-party APIs for enhanced book metadata and reviews.
- Collaborated with front-end developers to ensure seamless integration and data flow between the client and server.
- Developed comprehensive unit tests for resolvers and services to ensure code reliability and performance.

Full Stack Developer
Weather & Art Recommendation Application
New York, NY | Jun 2023 - Dec 2023

- Created a dynamic weather dashboard using Open-Meteo API, displaying real-time weather data and forecasts.
- Integrated the Metropolitan Museum of Art API to recommend artworks based on weather conditions and user location.
- Developed responsive UI components in React, implementing state management with hooks and Context API.
- Configured the backend with Node.js and Express, handling API requests, user authentication, and session management.
- Implemented local storage and IndexedDB for offline capabilities, enhancing user experience as a Progressive Web Application.

Software Developer Intern
Tech Solutions Inc.
New York, NY | Jan 2023 - May 2023

- Assisted in developing a CMS-style blog platform using Node.js, Express, and PostgreSQL.
- Implemented dynamic Handlebars.js templates for rendering views and user interfaces.
- Worked on integrating user authentication and authorization with express-session and bcrypt.
- Optimized SQL queries to improve application performance and reduce database response time.

Projects

Interactive Portfolio Website

- Designed and built a personal portfolio website using React and Bootstrap, showcasing projects, skills, and contact information.
- Implemented a dynamic project section using JSON data, enabling easy addition and modification of content.

Multiplayer Chat Application

- Developed a real-time chat application using Node.js, Express, and Socket.io.
- Implemented user authentication and chat room management, allowing users to create and join chat rooms dynamically.
- Deployed the application on Render, ensuring continuous integration and deployment.

Education

Certificate in Full Stack Web Development
Columbia University School of Engineering | New York, NY | 2023

Bachelor of Art History in Humanities
UPRRP | Rio Piedras, PR | 2011

Certifications

- MongoDB for Developers, MongoDB University
- JavaScript Algorithms and Data Structures, freeCodeCamp

Professional Affiliations

- Member, GitHub Campus Experts
- Member, New York JavaScript Community

References

Available upon request.