Jean Alex Santos de Lima

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Education

UNIVERSIDADE JORGE AMADO   Salvador, BA
Bachelor in Computer Science   fev/2023 – dec/2026
Relevant Coursework: Full scholarship from Programa Universidade para Todos (Prouni).

Experience

FREELANCE   Remote
Software Developer - FullStack Javascript   jan/2023 – Currently
- Implement front-end features and user interfaces using modern JavaScript frameworks such as React.js.
- Developing responsive user interfaces that adapt to different devices and screen sizes.
- Design and develop RESTful APIs using Node.js and Express.js for backend services.
- Designing and managing relational and non-relational databases, including data modeling, SQL queries, and integration with Object-Relational Mappers (ORMs) like Sequelize or Mongoose.
- Collaborate with clients to gather requirements and provide technical solutions to meet their needs.
- Utilize version control systems such as Git for code management and collaboration.
- Write clean, efficient, and well-documented code following industry best practices.
- Conduct code reviews to ensure code quality, performance, and maintainability.
- Optimize application performance through code refactoring and performance tuning techniques.
- Stay updated on emerging technologies and trends in full-stack web development to continuously improve skills and knowledge.

UNIVERSIDADE JORGE AMADO   Salvador, BA
Undergraduate Research in Machine Learning   mar/2024 – Currently
- Developed and implemented Machine Learning algorithms for data analysis.
- Collaborated with professors and peers in designing and conducting experiments.
- Presented findings at academic conferences and symposiums.

TEC INFO SOLUÇÕES EM INFORMÁTICA   Camaçari, BA
I.T Technician   jan/2022 – jan/2023
- Provided maintenance for software systems used by various companies.
- Performed computer maintenance, including hardware repairs and software troubleshooting.
- Implemented security measures to protect networks and computer systems.
- Documented maintenance activities and provided technical support to end-users.

Skills & Interests

Technical: Javascript, Typescript, Python, React.js, Next.js, Node.js, Express.js, MongoDB, PostgreSQL, MySQL, TailwindCSS, Bootstrap and others CSS frameworks.
Language: Portuguese (Native); English (Intermediary B2).
Interests: Web Development, Front-end, Back-end, Artificial Intelligence, Machine Learning.

Leadership and Activities

HARVARD UNIVERSITY   Remote
CC50: Introduction to Computer Science (COURSE)   mai/2023
- Duration: Total of 70 hours.
- Learned about basic programming concepts, language C, arrays, algorithms, memory management, data structures, Python, SQL, HTML, CSS, JavaScript and Flask.

ONEBITCODE Remote
Fullstack Javascript Developer (COURSE) set/2023
- Duration: Approximately 6 months.
- Learned about full-stack JavaScript development.
- Programming languages like Javascript and Typescript.
- Front-end frameworks like React.js, Next.js, TailwindCSS and Bootstrap.
- Back-end frameworks like Node.js and Express.js, and databases like MongoDB, MySQL and PostgreSQL.

UNIVERSIDADE JORGE AMADO Salvador, BA
SQL Server Database Security (WORKSHOP) set/2023
- Duration: Total of 1 hour.
- Learned about SQL Server database security measures, including access control, encryption, and authentication mechanisms.

FEDERAL INSTITUTE OF RIO GRANDE DO SUL Remote
Web Developer (COURSE) jul/2023
- Duration: Total of 200 hours.
- Learned about HTML, CSS, JavaScript, and responsive design techniques, as well as server-side programming languages like PHP and database management with MySQL.

LINKEDIN LEARNING Remote
Software Architecture (COURSE) nov/2023
- Duration: Total of 1 hour.
- Learned about software architecture principles and best practices, including architectural patterns, design principles, and system scalability.

LINKEDIN LEARNING Remote
React: Design Patterns (COURSE) nov/2023
- Duration: Total of 3 hours.
- Learned about design patterns specific to React.js applications, including component patterns, state management patterns, and asynchronous patterns.