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Josue Palomo
Jr Software Developer

My Website
github.com/josuepalomocs
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Agile software developer motivated by teamwork and continuous learning. Proficient in exploring new technologies and tools and utilizing established design patterns to deliver robust software solutions.

EDUCATION

Bachelor of Science in Computer Science, *The University of Texas at Dallas* — Aug 2019 - May 2022
Associate of Science, *Richland Collegiate High School* — Aug 2017 - May 2019

TECHNICAL PROJECTS

Frontend / Ellium Earth Capstone
ElliumLLC

- Collaborated with a front-end team to create a SaaS web app for oil/gas companies to manage land documents and assemble leasing agreements.
- Designed and implemented several responsive pages and components using HTML, CSS, and JavaScript.
- Reported user story progress through Jira and daily stand-ups and implemented mentor and back-end team feedback.
- Presented project results to 100+ UT Dallas faculty members and students.

Fullstack / Appointment Booking Website
Client Project

- Saved a barber $360/year by creating a personalized booking platform, replacing Booksy.
- Created a simple and intuitive interface for clients to check availability, schedule appointments, and view shop information using ReactJS and TailwindCSS.
- Developed several custom-secured REST APIs that integrate with AWS and Slack APIs.
- Implemented real-time notifications using the Slack API to keep the barber promptly informed of new appointments.
- Implemented automated appointment confirmation emails using AWS SES to enhance customer satisfaction.
- Leveraged DynamoDB to create a robust low-cost database solution for appointment and shop data storage, ensuring the platform can handle high traffic levels without sacrificing performance.

Fullstack / Finances Dashboard
Personal Project

- Centralized personal banking data from different financial institutions to track balances and transactions.
- Gained access to banking data using the Plaid Link ReactJS SDK.
- Developed multiple custom-secured REST APIs, that integrate with Plaid Java SDK.
- Prevented unauthorized access to sensitive banking data using OAuth2 configured Spring Security.
- Simplified CRUD operations on banking data by mapping Spring entities to PostgreSQL tables using Spring Data JPA.

Fullstack / Personal Website
Personal Project

- Built a responsive website to store personal software development articles using NextJS, TailwindCSS, and Sanity CMS.
- Applied fuzzy-searching and sorting algorithms to filter/sort article results.
- Optimized page loading times by using static site generation and pre-rendering HTML at build time.
- Achieved < 1 FCP and LCP page loading performance metrics on desktop, tablet, and mobile devices.

SKILLS

Languages	Typescript, Javascript, Java, Python, C++, C#, SQL (MySQL | PostgreSQL), HTML, CSS/SASS
Frontend	Reactjs, Axios, TailwindCSS, ChakraUI, MaterialUI
Backend	Nextjs (Nodejs), Spring Boot (JPA, Security), AWS (S3 | DynamoDB | SES), Firebase
Developer Tools	Git (Github), Jira, NPM, Maven, Vercel, Figma
Software Design	Data Structures & Algorithms, Object Oriented Design, Database Design, UML, MVC

AWARDS

UT Dallas Academic Excellence Scholarship — Aug 2019 - May 2022