ARTUR SARYAN

Email: arthursaryan@gmail.com
Phone: (213) 595-5486
LinkedIn: linkedin.com/in/artur-saryan-589148362
GitHub: github.com/arthur-user
Portfolio: https://arthur-user.github.io/Portfolio/
Location: Los Angeles, CA

PROFESSIONAL SUMMARY

Full-stack developer with a background in psychology and client-focused service. Certified in frontend and backend development, data engineering, and AWS cloud technologies. Skilled in building scalable systems using JavaScript, Python, React, Node.js, and AWS services including EC2, Lambda, and S3. Leverages strong communication skills and user empathy gained from psychology and direct client support experience. Passionate about creating secure, scalable, and human-centered technology solutions.

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, SQL

Frontend: React, React Router, HTML5, CSS3

Backend: Node.js, Express.js, RESTful APIs

Databases: MySQL, PostgreSQL, MongoDB, Cassandra (NoSQL)

Cloud Platforms: AWS (Certified Cloud Practitioner)

AWS Services: EC2, Lambda, S3, RDS, DynamoDB, Redshift, VPC, CloudWatch, IAM, CloudFormation

Data Engineering: Apache Spark, ETL/ELT processes, Data Warehousing, Data Lifecycle Management

Data Analysis: Jupyter Notebooks, pandas, matplotlib, seaborn

Authentication: JWT, OAuth 2.0

Development Tools: Git, GitHub, WSL/Ubuntu, UNIX command line

Methodologies: Agile, Scrum

EDUCATION

Bachelor of Arts in Psychology

California State University, Fullerton

2019

Associate of Arts in Psychology

Los Angeles City College

2016

CERTIFICATIONS

Backend Engineer Career Path

Codecademy | Completed March 2025

Comprehensive program covering Software Engineering Foundations, Advanced Backend Development, Security and Infrastructure, Web Scalability, Data Structures and Algorithms

Learn React (Fundamentals, Advanced and Router v6)

Codecademy | September - October 2025

React fundamentals, JSX, Components, Props and State, Hooks, Lifecycle Methods, Custom Hooks, Advanced Patterns, Performance Optimization, Context API, React Router v6

AWS Certified Cloud Practitioner

Amazon Web Services | Completed April 2025

IBM Data Engineering Professional Certificate

Coursera | Completed June 2024

13-course program covering Data Engineering Fundamentals, Python for Data Science, ETL Pipelines with Airflow and Kafka, Big Data with Spark and Hadoop, NoSQL Databases, Data Warehousing and BI Analytics, Database Administration, Linux and Shell Scripting

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PROJECTS

Socket-Chat-API

Technologies: React, Socket.io, Node.js, Express, Authentication

GitHub: https://github.com/arthur-user/socket-chat-api

Video Demo: https://www.youtube.com/watch?v=TC_BMaweoVU

- Built real-time chat application with user registration and login functionality

- Implemented persistent data storage for users, chats, and messages

- Integrated WebSocket technology for live messaging capabilities

Photo-Caption-Contest-API

Technologies: Node.js, Express, Authentication, Caching

GitHub: https://github.com/arthur-user/photo-caption-contest-api

- Developed RESTful API for image viewing and captioning platform

- Implemented user registration system with authorization and authentication

- Utilized caching strategies and database persistence for optimal performance

Envelope-Budgeting-API

Technologies: Node.js, Express, PostgreSQL, CRUD Operations

GitHub: https://github.com/arthur-user/envelope-budgeting-api

- Created personal finance API using envelope budgeting methodology

- Built complete CRUD functionality for budget envelope management

- Implemented transaction tracking and fund transfer capabilities with PostgreSQL database

Pet Adoption App

Technologies: React, React Router v6, React.lazy, React.memo

GitHub: https://github.com/arthur-user/Pet-Adoption-App

- Developed SPA with nested and dynamic routing, query-based navigation, and lazy-loaded components

- Optimized for runtime performance and user experience; included custom 404 and conditional redirects via Navigate

Common North American Birds Generator

Technologies: JavaScript

GitHub: https://github.com/arthur-user/Common-Birds

- Developed interactive educational tool featuring North American bird species

- Implemented random generation algorithm for bird facts and information

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PROFESSIONAL EXPERIENCE

Computer Lab Assistant, Communications Studies Department

Los Angeles City College | 2014

- Assisted students with lab equipment and communication software

- Maintained a supportive and quiet learning environment

- Helped troubleshoot basic technical issues

In-Home Supportive Services (IHSS) Worker

Various Clients | 2015-2024

- Provided daily living assistance to elderly and disabled clients

- Managed administrative tasks including tax preparation, document organization, check writing, and financial record keeping

- Troubleshot basic technology issues with computers, TVs, and electronic devices

- Maintained client dignity and comfort while supporting independence

- Communicated with family members and case managers regarding client needs

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VOLUNTEER EXPERIENCE

Medical Office Volunteer

Dr. Kltcian's Office, Los Angeles, CA | 2018

- Assisted front desk with filing, appointment scheduling, and greeting patients

- Maintained patient confidentiality in compliance with HIPAA

- Supported staff with organizing patient bookkeeping and basic administrative tasks

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CORE COMPETENCIES

Analytical Thinking: Strong foundation in research methodology and statistical analysis from psychology background

Problem Solving: Experience breaking down complex behavioral patterns and research questions

Attention to Detail: Precision in data collection, analysis, and documentation

Communication: Ability to explain complex concepts to diverse audiences

Adaptability: Successfully transitioned from psychology to technical field through self-directed learning