ARTUR SARYAN

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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 & Infrastructure, Web Scalability, Data Structures & Algorithms

Learn React (Fundamentals, Advanced & Router v6)
Codecademy
September - October 2025
React fundamentals, JSX, Components, Props & 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 & Kafka, Big Data with Spark & Hadoop, NoSQL Databases, Data Warehousing & BI Analytics, Database Administration, Linux & Shell Scripting

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

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

PROJECTS

Socket-Chat-API
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
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
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

Common North American Birds Generator
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

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