**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