

## HOVSEP BABAYAN

**AWS Certified Solutions Architect | Cloud & DevOps | Terraform | CI/CD**

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Portfolio: <https://babayanhov.com>

Github: <https://github.com/BabayanH>

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## EDUCATION

**California State Polytechnic University, Pomona** — Pomona, CA

**Bachelor of Science in Computer Science** | Dec 2023

GPA: 3.78

Honors: Dean's List (Fall 2021, Spring 2022)

### Relevant Coursework:

Introduction to Probability and Statistics

Data Structures & Object-Oriented Design

Discrete Methods

Full-Stack Web Development

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## CERTIFICATIONS

**AWS Certified Solutions Architect - Associate (SAA-C03)**

**Amazon Web Services | 2026**

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## PROFESSIONAL EXPERIENCE

### Owner/CEO

**Kiddie Kingdom Playground** — Northridge, CA

Jan 2024 – Present

- Developed internal business management software to track daily transactions, private events, and operational metrics.
  - Implemented automation tools and cloud-based systems to streamline scheduling, reporting, and customer management.
  - Managed business technology infrastructure including databases, payment systems, and analytics dashboards.
  - Oversaw daily operations, staff coordination, and customer service for a high-volume family entertainment venue.
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### Manager

**SoCalParking** — Los Angeles, CA

2021 – 2024

- Managed daily operations and staff scheduling for valet services
- Supervised a team of 15 valet attendants to ensure efficient service flow
- Coordinated vehicle parking and retrieval processes to reduce delays
- Built a ticketless valet application to streamline operational workflows
- Trained new staff and enforced safety and service standards

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## **Software Engineer (Freelance)**

Los Angeles, CA

Jan 2023 – Present

- Designed and developed full-stack applications for clients
- Built and maintained databases using SQL (MySQL, PostgreSQL) and NoSQL technologies
- Integrated third-party APIs into applications
- Worked directly with clients to gather requirements and deliver tailored solutions
- Maintained and updated applications to ensure reliability and performance

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## **Software Developer Intern**

**Webinos, Inc.** — Los Angeles, CA

Jan 2021 – Jul 2022

- Developed web applications using MEAN and LAMP stacks
- Built interactive user interfaces using JavaScript and React
- Created responsive static pages using HTML and CSS
- Collaborated with team members on code reviews and feature development

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## **Branch Manager**

**La Currency, Inc.** — Los Angeles, CA

Jun 2018 – Sep 2021

- Conducted daily foreign currency exchange transactions and handled incoming and outgoing cash
- Recorded invoices and maintained accurate transaction records
- Prepared weekly and monthly activity reports for branch operations
- Worked with customers and vendors on pricing adjustments
- Managed, trained, and supervised a team of four employees

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## **CLOUD & INFRASTRUCTURE PROJECTS**

### **Serverless Event API (AWS + Terraform)**

- Built a serverless REST API using AWS API Gateway, Lambda, and DynamoDB, fully provisioned using Terraform Infrastructure as Code.
- Designed event-driven backend architecture integrating API Gateway with AWS Lambda functions.
- Implemented DynamoDB for scalable NoSQL event storage and retrieval.
- Configured IAM roles and permissions to securely allow Lambda access to AWS resources.
- Automated infrastructure deployment using Terraform with modular resource configuration.
- Implemented GET and POST endpoints for event creation and retrieval.

### **Highly Available Web Infrastructure (Terraform + AWS)**

- Designed and deployed a highly available web application infrastructure on AWS using Terraform.
- Built custom VPC networking architecture with public and private subnets across multiple Availability Zones.
- Implemented Application Load Balancer to distribute traffic across EC2 instances.
- Configured Auto Scaling Group with Launch Templates to maintain application availability.

- Automated EC2 instance provisioning with user-data scripts to deploy Apache web servers.
- Designed security groups and network routing for secure internet-facing and internal traffic.

## SOFTWARE PROJECTS

### EasyValet

- Ticketless valet management application
- Designed and implemented a mobile application to support valet operations
- Built frontend user interface focused on usability and clarity
- Utilized Firebase for backend services and real-time data handling

### ULyfe

- College community engagement platform
- Contributed to development of a web platform with forums, events, and user authentication
- Implemented frontend features using React
- Supported backend functionality using Node.js and Firebase
- Integrated cloud infrastructure using AWS

### KidSystem

- Built a full-stack application to manage event scheduling, transactions, and customer data
- Developed frontend using React and deployed via Vercel
- Implemented backend services using Firebase (Firestore, Authentication)
- Automated workflows to reduce manual tracking and improve operational efficiency

### Kiddie Kingdom Website

- Designed and developed a responsive website to showcase services, pricing, and booking information
- Focused on user experience, layout, and mobile responsiveness
- Deployed and maintained the site using modern web technologies

### SoCal Parking Website

- Developed a responsive web application to present parking services and capture customer inquiries
- Built frontend using React with emphasis on performance and clean UI
- Deployed using Vercel and optimized for fast load times

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## SKILLS

### Cloud & DevOps

- AWS (EC2, VPC, Lambda, API Gateway, DynamoDB, IAM, ALB, Auto Scaling), Terraform, CI/CD, Docker, Linux

## **Programming**

- Python, JavaScript, TypeScript, Java, C/C++

## **Web & Backend**

- React, Node.js, Next.js, HTML, CSS, Firebase, MongoDB

## **Data**

- SQL (MySQL, PostgreSQL), NoSQL, Database Design

## **Tools**

- Git, GitHub, Vercel

## **Languages**

- English (Fluent)
- Armenian (Fluent)
- Russian (Fluent)