Auhbon Amiri

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Summary

Full-stack software engineer with backend experience at MGM Resorts (Java, REST APIs, Azure), two years at a SaaS startup where I owned the scheduling system at the core of the app, and four years running a live e-commerce site. B.S. Computer Science, Magna Cum Laude (3.91), and grand-prize winner of the 2020 CSUN Cloud Jam. I build with TypeScript, Next.js, Java, and Python, and use Claude Code daily to scaffold, refactor, and test while owning the design and reviewing every line. Strong communicator with years of tutoring, grading, and customer-facing tech support behind it.

Skills

Area	Skills
Languages	Java, TypeScript, JavaScript, Python, SQL, PHP, Dart, Objective-C, Lua, C, C++, C#, HTML, CSS
Backend	Spring Boot, REST APIs, Laravel, FastAPI, Flask, .NET / Entity Framework, Maven, GraphQL (exposure)
Front end & mobile	Next.js, React, Vue.js / Vuex, Angular, Tailwind CSS, Bootstrap, Flutter, iOS (Objective-C, Xcode)
Cloud & data	Azure (Pipelines, Cosmos DB), Google Cloud (Vision, pipelines), Firebase, Vercel, Heroku, Docker, Linux, PostgreSQL, MySQL, MS SQL Server (SSMS), DuckDB
Testing & quality	JUnit, Postman, JMeter, TDD (unit + integration), axe-core accessibility audits, CI (lint, type-check, build)
AI-assisted development	Claude Code, agentic coding workflows, CLAUDE.md project context, MCP connectors, Claude Skills

Area	Skills
Tools & practice	Git, GitHub, Bitbucket, Jira, Confluence, Agile / Scrum, code review, pair programming, WordPress, Shopify, Google Apps Script, Figma, Adobe XD
Game & creative tech	Phaser, Pico-8, Unity, Tabletop Simulator scripting (Lua)

Software Engineering Experience

Website Manager — EstateDiamondJewelry.com · Remote · Aug 2022 – Present

- Built a diamond price calculator in JavaScript backed by Google Cloud pipelines.
- Maintain the WordPress site, extending it with plugins and custom code integrations.
- Write and publish research-based articles and buying guides (diamond cuts, grading, and pricing) plus gift-guide content for the business and a partner site.
- Work independently and remotely, coordinating content and site changes directly with the owner.

Backend Software Engineer — MGM Resorts International · Full-time · Dec 2021 – Jun 2022

- Developed and maintained Java backend services and REST APIs.
- Tested and validated services with JUnit and Postman.
- Streamlined deployments with Azure Pipelines.
- Ran performance testing with JMeter.
- Worked with cloud data storage (Azure Cosmos DB) and contributed to API integration, with GraphQL exposure.
- Maintained internal documentation in Confluence and visual data reports, and took on-call support shifts.
- Worked in an Agile team using Git-based code review.

Co-developer — My Finances Simplified · Nov 2019 – Jun 2020

- Built a tax and personal-finance web app in Vue.js with a partner.

Full Stack Software Engineer — Groomer.io · Westlake Village, CA · Apr 2018 – Mar 2020

- Designed and built the availability calculator, the scheduling logic used throughout the app.

- Shipped 180+ features and fixes.
- One of two engineers on the team: developed the iOS app in Objective-C (MVVM) and the backend in Laravel and MySQL, following RESTful patterns.
- Helped build and launch the customer-facing web app with Vue.js, Vuex, and Laravel.
- Practiced TDD across Laravel, Vue, and Objective-C with unit and integration tests; updated the database design.
- Advised on design decisions and took part in Scrum sprint planning, code reviews, and pair programming.

Freelance Web Developer — Big Swell · 2017

- Built business websites with a partner; delivered a paid site for Big Swell, a surf products company.

Teaching & Research

Course Grader — California State University, Northridge · Jan 2020 – May 2020

- Graded Discrete Structures and Automata, after completing each course with an A.

Research Assistant — CSUN, Prof. Katya Mkrtchyan · Aug 2019 – Feb 2020

- Wrote a Google Apps Script tool for research data entry, saving the team many hours.
- Designed, created and presented the team's research poster at the AESA conference in Glendale.

Course Tutor — California State University, Northridge · Feb 2019 – May 2019

- Tutored classmates in Combinatorial Algorithms while taking the course (finished with an A); sought out by students for guidance.

Freelance Tutor — Private clients · In person and remote · 2015 – 2022

- Java and intro programming (remote): Aug 2020 – Jan 2022.
- Automata, while taking the course at CSUN: Fall 2019.
- Discrete Structures, while taking the course at CSUN: Fall 2018.
- Symbolic Logic, at Pierce College: Feb 2017 – Jun 2017.
- Calculus series (in person and remote): Aug 2015 – Jan 2017.

Other Experience

Trading Card Vendor (Self-employed) — Pokémon TCG · Mar 2026 – Present

- Buy, sell and vend at card shows; price raw, graded (PSA, BGS, CGC), Japanese, and Chinese-exclusive cards from sold-listing comps.
- Built my own spreadsheet-based cataloging and pricing workflow.

Private Investigator Trainee — Detectal Investigations · Aug 2026 (30-day assessment)

- Completed a structured OSINT and report-writing assessment under a licensed senior investigator, using training and de-identified material only.
- Practiced source-cited findings, confidence labeling, and contradiction tracking.

Office Assistant & IT Support — GCD (dental office) · Sep 2021 – Nov 2021

- Solved technical issues and set up software, accounts, and Google Workspace for staff.

Personal Assistant — Private client · 2021

- Handled household logistics: hiring and coordinating contractors, handyman jobs, cleaning, and transport.

Photo Booth Manager & Technician — Photo Fun Moments · Los Angeles · Dec 2014 – Apr 2018

- Kept a fun, welcoming atmosphere at parties and events, engaging guests and hosts and keeping people coming back to the booth all night.
- Troubleshot cameras, printers, laptops, and booth software on site, keeping the booth running through live events.
- Managed, trained, and supported other booth operators.
- Transported, set up, and maintained equipment.
- Designed green-screen templates and marketed the business, bringing in repeat clients.

Volunteer — Goodwill · 2015

Quality Control & Tech Support — Shaghal (Ematic) · Los Angeles · Jan 2014 – Jan 2015

- Diagnosed returned tablets and electronics, deciding between quick fix and refurbishment.
- Gave phone tech support for 20+ products, troubleshooting issues with customers.

Team Member — Jersey Mike's Subs · 2014

Projects

BeeSafe — CSUN Cloud Jam 2020, grand prize · Flutter, Google Cloud Vision, Firebase, Flask, ESP32 · Team of 5

- Hive sensors stream temperature, humidity, weight, and sound to the cloud; the app turns it into hive-health reports and real-time alerts for beekeepers.
- Built most of the Flutter front end and prepared the image dataset for training Cloud Vision to spot the queen, mites, and unhealthy larvae.

auhbon.com — Personal portfolio · Next.js, TypeScript, Tailwind CSS, Vercel · source

- Pulls my latest GitHub repos in automatically; built to WCAG 2.2 AA with strict security headers and an opt-in playground of effects, themes, secrets, and mini games.
- Built with Claude Code as a pair programmer: I set architecture, accessibility, and security requirements and verified with axe-core audits and a CI pipeline that lints, type-checks, and builds every change.

DomDom — Storefront for a hair-products brand · Next.js, TypeScript, Shopify, Python · In progress

- Contributed to the front end: set up the Next.js and TypeScript project, broke the work into tickets, and shipped a couple of them. A collaborator owns the Python API.
- Set up version-controlled project context (CLAUDE.md) so Claude Code follows the repo's conventions.

PokéPulse Analytics — Pokémon TCG market analytics · FastAPI, React, TypeScript, PostgreSQL, DuckDB · In design

- Designed a platform combining TCGPlayer and eBay pricing into price history, a daily movers dashboard, and breakout signals; wrote the design doc with a five-phase roadmap.

Off-Top — CSUN senior design project · Flutter, Java, Python/Flask · Team

- Real-time productivity app that helps people stay on topic; built most of the Flutter client, learning the framework on the project.

Power Panic — Hack the Midlands 2020 game jam · JavaScript, Phaser · Team

- Frantic real-time co-op browser game built from scratch before the deadline; still playable online.

Board Games and Their Designers — Graduate full-stack course project · C#, .NET, Entity Framework, Angular, MySQL, Azure, Heroku, Auth0 · backend · frontend

- MVC back end on Azure, separate Angular front end on Heroku, Auth0 sign-in.

Discord bots — Python, Node.js

- FiFi Robo: multi-purpose companion bot using YouTube, ZenQuotes, Tenor, and meme APIs.
- Motivator Bot: watches chat for people having a rough time and replies with encouragement; users can add their own messages.
- Music Bot: music player for friends' game nights, kept online around the clock.
- Wordle bot (Node.js): tracks a friend group's daily Wordle results.

Games & scripting — Lua, JavaScript

- Flabby: Pico-8 helicopter-cave game; all code, pixel art, animation, and sound made solo.
- Ponk: Pong clone with scaling difficulty; one of my first finished projects.
- Tabletop Simulator scripting: Lua scripts automating gameplay in a board-game mod.

Education

B.S. Computer Science, Magna Cum Laude — California State University, Northridge · Fall 2018 – Dec 2020

- 3.91 GPA; A in every computer science course.
- Dean's List every semester (5 of 5).
- Coursework: Discrete Structures, Combinatorial Algorithms, Automata, Languages & Computation, Operating Systems, Concepts of Programming Languages, Database Design, Object-Oriented Software Development, Logic Programming, Machine Learning, Human-Computer Interaction, Intro to Software Engineering, Senior Design Project, Applied Statistics.

Transfer coursework — Los Angeles Pierce College (Feb 2015 – Jun 2018, Dean's List 4x), Santa Monica College (Feb – Jun 2014), UC Riverside (Sep 2012 – Jun 2013)

Honors & Activities

- Grand prize winner, CSUN Cloud Jam 2020 (BeeSafe).

- National Cyber League, Fall 2018: placed in the Silver bracket and finished 878th nationally of 4,730 registered players, with 83.95% flag accuracy (100% in Enumeration & Exploitation and Password Cracking). Verified score report
- GE Honors, CSUN.
- LinkedIn Skill Assessments passed: Java, JavaScript, Python, PHP, Objective-C, Object-Oriented Programming.
- Layer8 Cyber Security Club, Rock Climbing Club, and intramural sports, CSUN.