

Guillermo Barreto

Software Engineering Student · Amazon IT

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[GitHub ↗](#)
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SUMMARY

I work as an IT Support Associate II at Amazon, where I troubleshoot hardware and software, provision devices, resolve incidents, and support warehouse IT infrastructure.

I'm pursuing a B.S. in Software Engineering at Western Governors University and building personal and open-source projects as I work toward my first professional software engineering role.

EXPERIENCE

Amazon 2026 — Present

IT Support Associate II

Troubleshoot hardware and software issues in a warehouse where reliable technology matters to daily operations.

Provision and image devices used by operations teams.

Resolve incidents under pressure through careful diagnosis, clear documentation, and practical communication with users and operations teams.

EDUCATION

Western Governors University 2024 — Present

B.S. Software Engineering

Strengthening software engineering and computer science fundamentals through coursework in programming, software design, databases, web development, data structures, and algorithms, then applying them in projects.

SELECTED PROJECTS

AstraScope ACTIVE PROJECT [GitHub ↗](#)

A full-stack project for exploring satellites, orbital passes, near-Earth objects, and atmospheric fireball data through an interactive 3D interface.

React · TypeScript · Three.js · FastAPI · Python

Month Manager COMPLETED [GitHub ↗](#)

A responsive browser dashboard for recording transactions and reviewing cash flow one month at a time.

React · TypeScript · Vite · CSS

Shortly LEARNING PROJECT [GitHub ↗](#)

A backend-focused learning project for creating short links, resolving redirects, and recording basic request analytics.

Python · FastAPI · REST APIs

TECHNICAL
SKILLS

Languages

Python · TypeScript · JavaScript · SQL · Java

Backend

FastAPI · REST APIs · Node.js

Data

PostgreSQL · SQL

Frontend

React · Next.js · HTML · CSS · Tailwind CSS

Cloud & Systems

AWS · Docker · Linux

Tools

Git · GitHub · VS Code