

# Sebastian Remar

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## EXPERIENCE

**Meta**, Bellevue, WA

Aug 2025 – Present

*Software Engineer*

- Designed and implemented a tool that helps engineers debug issues about Horizon sessions running in the cloud. Tech: React, PHP.
- Integrated tools such as Perfetto, Tracy, and RenderDoc into Horizon cloud workflows, reducing profiling time and improving performance debugging efficiency. Tech: Python, Bash, C++.
- Developed an AI-driven root cause analysis workflow that correlates logs and code paths to automatically identify failures and crashes. Tech: React, PHP, Rust.

**Amazon Web Services**, Arlington, VA

April 2024 – Aug 2025

*Software Development Engineer II*

- Investigated and implemented a series of configuration changes that reduced Severity-2 tickets by 40%. Tech: Java, Bash.
- Executed the air-gapped TOPAZ region build on a new AWS partition for VPC Query Logging and enhanced automation tools to natively support these partitions—cutting overall build time by 50%. Tech: Python, Java, Ruby.

**Amazon Web Services**, Arlington, VA

June 2022 – April 2024

*Software Development Engineer I*

- Designed and implemented RESTful APIs for PCIe passthrough, enabling customers to attach GPUs to their EC2 instances and achieve up to a 40% boost in compute throughput. Tech: Java, Bash, Python.
- Designed and implemented a RESTful API enabling customers to toggle physical network interfaces between static and DHCP configurations—allowing workloads across multiple LANs. Tech: Java, Bash, Typescript.
- Implemented an OTA firmware update system for devices, cutting the update process time by 15 minutes.

**Duct Clean Pro**, Remote

Jan 2022 – May 2022

*Software Engineer*

- Designed and implemented a series of RESTful APIs leveraging Twilio, enabling operators to send text messages to all customers with a single click and driving a 15% increase in sales. Tech: Java, Typescript, AWS Services.
- Designed and implemented a React-based website integrated with Housecall Pro API, automating client onboarding and lead creation in the company database. Tech: React, AWS Services.

**Amazon Web Services**, Arlington, VA

May 2021 – Aug 2021

*Software Development Engineer Intern*

- Developed a React Native mobile app to unlock AWS Snow-based devices without requiring a laptop.

## SKILLS

- Java; JavaScript; HTML5/CSS3; Data Structures and Algorithms; C; Python; SolidWorks (Certified).
- MATLAB; React; React Hooks; React Native; Jest; Unit Testing; OOP; Web Development; AWS.
- Languages – English, Spanish – *All professional proficiency or above.*