William (Will) **Garrett**

Los Angeles, CA | ▮▮▮▮▮ | the+cv@willgarrett.io

LinkedIn: http://bit.ly/wglinked   **GitHub:** http://bit.ly/wgcoder   **Website:** http://willgarrett.io

Experienced player-coach engineer, lifelong learner, comfortable on any stack

> SKILLS, LANGUAGES AND TECHNOLOGIES

- **Proficient:** *Systems Design, Message-Driven Architecture, Event-Driven Architecture, Data Science, AI/ML & LLM Development, Tensorflow, PyTorch, Langchain, LlamaIndex CI/CD Orchestration, Test Driven Development, OpenTelemetry, Prometheus, Grafana, Linux, Bash, JavaScript, Typescript, React, NextJS, Go, PHP, Node, Python, Ruby/on Rails, SQL (MySQL, Postgres , Pgrouting, PostGIS, et al.) MongoDB, Neo4j, Redis, ELK Stack, RabbitMQ / Kafka / Red Panda / SQS / NATS / ZeroMQ, Debezium, AWS, Pulumi, Terraform, Kubernetes, Docker, Jenkins, Mocha, Jest, Selenium, Playwright, et al.*
- **Exposure:** *Rust, Erlang / Elixir, C/C++, Kotlin, Java, Scala, et al.*

> RECENT PROFESSIONAL EXPERIENCE *(full CV available on LinkedIn)*

Cordial | Engineering Team Lead / Individual Contributor - Core Platform | San Diego, CA   *Jul 2023 - Feb 2025*
- *Manager of Core engineering team; task allocation, code reviewer & mentor/resource for 7 direct reports*
- *Principal architect and technical lead providing solutions to scalability challenges supporting millions of requests per day, and peaks hitting billions around client's Black Friday & Cyber Monday marketing initiatives.*
- *Developer of internal AI / ML tools for automated analysis of client experience tickets, and backlog allowing for greater visibility and cross-team alignment on initiatives*
- *Principal Architect of change data capture ETL for migration of client data with anonymization of PII and AI client code execution risk assessment scoring reducing platform incidents.*

Resortpass | Software Engineering Lead Platform | Los Angeles, CA   *Aug 2021 - Jul 2023*
- *Managed platform engineering team, task allocation, code reviewer & mentor/resource for 6 direct reports*
- *Principal architect of numerous platform engineering initiatives and services including migration of monolith Ruby on Rails application to distributed event driven microservices architecture decoupling dependencies.*
- *Principal architect of ETL pipeline used for analytics, reporting, and third party integrations.*

Saferide Health | Senior Platform; Lead Platform (BE) Engineer | Culver City, CA   *Sep 2019 - Jan 2021 - Aug 2021*
- *Contributor on Multi-Depot Vehicle Pickup and Drop Off Vehicle Matching and Routing with Capacity and Cargo Types service for NEMT logistics providing routing and scheduling solutions for dispatchers leading to better scheduling for their plan members; focusing on optimizing cost matrix calculation for reduced runtime scheduling hundreds of thousands of NEMT ride requests from hours to minutes.*
- *Principal IC on health plan member layer, responsible for building Saferide's Health Plan Member APIs, Permissions, and Reimbursement APIs, to allow secure delegation of HIPAA data across hospital networks resulting in increased adoption of our platform and easier integration with major health plan partners.*
- *Principal architect of microservice ecosystem for client partners to migrate Healthcare information on continual rolling basis; retired legacy systems in favor of switch to Golang, RabbitMQ/SQS, MySQL, MongoDb, and Elasticsearch derisking platform scaling issues allowing for updates to 4 million health care members in under 20 minutes.*

Speed to Contact | Senior Software Engineer | Los Angeles, CA   *Jan 2019 - Aug 2019*
- *Built microservice ecosystem and RPC libraries for ensuring FTC compliance of outbound marketing calls improving business logic, reducing code duplication, and increasing routing performance by 95%.*
- *Improved codebase to allow greater modularity using enterprise design patterns in JavaScript, Node.js and PHP for handling telephony, increasing efficiency, and lowering 3rd party costs of AWS and Twilio.*

>EDUCATION

CERTIFICATE AI/ML Data Science, *Caltech - Center for Technology and Management Education*   *Sept 2025*
BA Liberal Arts / Minor Ancient Near Eastern Languages & Linguistics, *Providence Christian College*   *May 2015*
BS Computer Science, *New Mexico State University*   *Incomplete*

> RECENT PROJECTS - *visit website for latest contributions*

ElectuaryRx - *Government and NGO data aggregator for assistance in ensuring compliant medical prescription transactions in real time, and assisting in prescription fraud investigations -* www.electuaryrx.com