

Professional Summary - Results-oriented Senior Software Engineer with 6+ years of experience building scalable and secure cloud-based back-end platforms using NodeJS, AWS, GCP, and MongoDB. Over 20 years of software development experience overall. Proven ability to deliver impactful solutions for enterprise clients in AI-powered mental health (Woebot Health) and fintech (EarnUp), driving user growth and operational efficiency.

Skills - NodeJS, AWS, Google Cloud Platform, MongoDB

Woebot Health - Senior Platform Engineer - San Francisco, CA (Remote) 09/2021 - 11/2023
An AI-powered mental health support app providing conversational interventions based on CBT principles (\$90M Series B).

- Built single-use access-code system with TypeScript, NodeJS, and MongoDB, enabling 3+ enterprise partners to deliver access to customized mental health apps for {Hundreds} of patients.
- Enhanced observability of AWS CloudWatch platform by implementing monitoring system using Datadog and Slack, enabling verbose-logging of infra-metrics that decreased error-visibility time by ~90%.
- Co-developed core user-engine to implement enterprise-membership functionality using NodeJS and AWS (Lambdas, SQS, SNS, DynamoDB, EventBridge), laying the technical foundation to provide enhanced product-offerings to B2B enterprise customers.
- Developed regional-customization helpline-delivery service on proprietary Content Management System (CMS) using TypeScript, React, NodeJS, and MongoDB, enabling core-product conversation to offer localized helpline numbers to end-users across the US.
- Integrated mental-health-survey delivery service by converting REST API data for enterprise partners using NodeJS and MongoDB, transforming survey data to meet LOINC standards for LOINC-based systems.
- Rearchitected core-product module-queue service to store user-conversation activity via data-instances using NodeJS and MongoDB, helping maintain conversational-context for all user-chatbot interactions.
- Assisted in designing document-management protocol across the org for engineering and product using Confluence, enabling staff of 20+ to follow best practices while scaling product.

EarnUp - Senior Backend Engineer - San Francisco, CA (Remote) 03/2020 - 09/2021
A financial technology platform helping users automate loan payments with personalized payment assistance (\$31M Series C).

- Architected web-platform for EarnUp end-users to upload verification-documents using NodeJS, GraphQL, PostgreSQL, and AWS, enabling operations team to securely access user-supplied documents.
- Shipped back-end web logic functions using NodeJS, MSSQL, PostgreSQL, Python, and AWS on loan payments and automated-processing platform, enabling {Thousands} of user-platform interactions.
- Created front-end web-components using JavaScript and React for core-product user dashboard, enabling EarnUp end-users to safely upload user verification-documents.

American Express - Senior Software Engineer - San Francisco, CA 11/2018 - 11/2019
LoungeBuddy - an app for travelers to access airport lounges worldwide, enhancing travel experiences (acq. American Express).

- Leveraged JavaScript, NodeJS, MongoDB, Kafka, and Elasticsearch to deliver back-end services with 100% CRUD functionality, enabling booking-platform to process {Thousands} of traveler-interactions per day.
- Provided onboarding, training, mentorship, and performance feedback for the technical staff, helping junior software engineers with pair-programming and leveling.

SnapStrat - Interim Head of Engineering - Oakland, CA 09/2017 - 07/2018
Building decision-making SaaS applications on proprietary platform with client business and strategy in mind (\$2.5M Raised).

- Defined technical project scope, deliverables, and meeting schedules using documentation and version control, adding structure and clarity for the founders and support staff.
- Engineered RESTful backend, database schemas, application requirements, and DevOps infrastructure using NodeJS, MongoDB, PostgreSQL and Python, contributing to SaaS-application MVP launch.

Software Solutions and Development Consultant for SMBs - Various Organizations 01/1996 - 09/2017