

# VARUN NARRAVULA

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## SYNOPSIS

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Aspiring, and (sometimes) achieving; a creator at heart that loves to code. Seeking a full-time or contract position as a software engineer/developer.

## EXPERIENCE

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### ANDYL

*Software Engineer*

San Francisco, California

Jun 2025-Aug 2025

- Rethink the core systems of the Internet (such as DNS) to build a stable foundation for the Internet applications of the 2030s and beyond
- Use Rust to build a distributed, high-availability, high-volume read database using blockchain principles
- Use Nix/NixOS, Kubernetes, and Terraform to orchestrate infrastructure for internal continuous integration (CI) setups

### Byggr.ai

*Software Engineer*

Remote (San Francisco, California)

Aug 2024-Jan 2025

- Create and maintain a deterministic, AI-powered model that autonomously converts abstract business requirements into high-quality code
- Develop and maintain a desktop interface to interact with this AI interface using Flutter on Windows, macOS, and Linux platforms

### Salt+Light

*Software Engineer*

Remote (San Francisco, California)

Aug 2023-Aug 2024

- Build and maintain a full-stack mobile app using React Native (Expo) and Supabase
- Design relational database schemas and migrate data from non-relational sources
- Review and improve code contributions from other developers

### Zyggit Inc.

*Full-Stack Developer*

Remote (Fremont, California)

Aug 2020-Aug 2022

- Developed and maintained scalable backend services in Go, integrating with Flutter frontends for cross-platform mobile applications.
- Implemented security best practices in Go-based backend systems, identifying and patching vulnerabilities before release.
- Used Terraform to provision and manage infrastructure on Google Cloud Platform, ensuring reliability and scalability for production environments.

## PROJECTS/CONTRIBUTIONS

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### nixos-cli

Core Maintainer

Go, Nix, Zig  
Aug 2023-present

- Develop and maintain a command-line interface for deploying and managing NixOS systems with a focus on simplicity and ease of use.
- Patch long-standing issues and add new features to older tools from the NixOS ecosystem, improving behavior and user experience for end users (NixOS administrators).
- Complete a rewrite of the nixos-cli tool from a prototype in Zig to a more professional and production-ready Go implementation in a matter of weeks.
- Write release notes and documentation for end users.

### NixOS

Contributor/Package Maintainer

Nix, shell  
Aug 2022-present

- Maintain Nix packages and modules in [nixpkgs](#) and [home-manager](#)
- Review pull requests and collaborate with the open-source community

## SKILLS

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### Languages

Go, Zig, TypeScript, Rust, Dart, shell, SQL, Python, Java, C/C++

### Frameworks

Flutter, React Native, Expo

### Developer Tools

Linux, Docker, Kubernetes, Nix, Vim/Neovim, GCP, AWS, Terraform

## CERTIFICATIONS

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### PCAP - Certified Associate in Python Programming

Issued on: 11 Jan 2020

### Oracle Certified Associate, Java SE 8 Programmer

Issued on: 10 Apr 2021

## EDUCATION

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### San Francisco State University

B.S. Computer Science

San Francisco, California

Aug 2023-May 2025

### Ohlone College

A.S. Computer Science

Fremont, California

Jun 2021-May 2023