VARUN NARRAVULA

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SYNOPSIS

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

ANDYL   San Francisco, California
Software Engineer   Jun 2025-Dec 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 database using blockchain principles
- Use Nix/NixOS, Kubernetes, and Terraform to orchestrate infrastructure for internal continuous integration (CI) setups

Byggr.ai   Remote (San Francisco, California)
Software Engineer   Aug 2024-Jun 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

Seedling   Remote (San Francisco, California)
Software Engineer   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 such as Firebase to relational ones like PostgreSQL using Python scripts
- Review and improve code contributions from other developers

Zyggit Inc.   Remote (Fremont, California)
Full-Stack Developer   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

nixos-cli   Go, Nix, Zig
Core Maintainer   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   Nix, shell
Contributor/Package Maintainer   Aug 2022-present

- Maintain Nix packages and modules in nixpkgs and home-manager
- Review pull requests and collaborate with the open-source community

Skills

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

PCAP - Certified Associate in Python Programming   *Issued on:* 11 Jan 2020
Oracle Certified Associate, Java SE 8 Programmer   *Issued on:* 10 Apr 2021

Education

San Francisco State University   San Francisco, California
B.S. Computer Science   Aug 2023-May 2025

Ohlone College   Fremont, California
A.S. Computer Science   Jun 2021-May 2023