

Pranjal Surana

EXPERIENCE/ WORK EXPERIENCE

Cisco Systems – Remote, Chennai

SDE2

Nov 2022 – Present

- Completed the Performance Baseline Scalability initiative by testing over 100K API calls in a multithreaded environment, analyzing performance, and identifying more than 5 scalability concerns.
- Delivered a migration feature that automated the PSTN migration process, reducing manual intervention and increasing speed by over 30%.
- Delivered key APIs for error enhancement & UI with CSV download and reduced the customer defects reaching the engineering team by up to 15%.
- Service owner for Java-based backend micro-service and responsible for new development and bug fixing.

Cisco Systems – Remote, Chennai

SDE

Aug 2020 – Oct 2022

Intern

Jan 2020 - June 2020

- Key role in migrating Webex Calling portal front-end features using all the latest Angular techniques like RxJs, NgRx, and Redux.
- Part of the Security Team, responsible for fixing various security issues and has addressed more than 5 security defects, and upgrades and has also delivered pep talks on security.
- Responsible for implementing UI automation testing using Cypress and delivered 2 important features for the automation department which reduced false cases by 30% and helped with debugging analysis.
- Developed a complete health analysis tool for more than 5 components using Prometheus and Grafana Dashboards. Also a major contributor to health APIs for more than 10 components.
- Enhancing and Implementation of key features for Webex- calling. Reduced API response time by up to 80% for the bulk export feature.

LEADERSHIP/PROJECTS

Mental Health AI

Sept 2024 - Present

- Designed backend architecture & database for mobile application.
- Building backend Python REST Application

Torque Finance

Jan 2024 – Oct 2024

- Developed 30+ Smart Contracts including aggregators, refinancing, boost, and other contracts.
- Integrated Uniswap, Compound finance, GMX, Stargate & others.

Alpha Sharks

April 2022 – May - 2023

- DEFI Products, Token Deployment, NFT Deployment, Staking Contracts, and Rewarding Contracts
- Market CAP 20M\$+

Hackathon - Password rotation script

Hackathon

- Python scripting for password rotational CI/CD pipeline.
- Rotated password using Jenkins job and reduced work hours by 60 hours/week.

SKILLS

Technical Skills

Java, Angular, Solidity, Python, Javascript

Tool

VSCode, Postman, IntelliJ

Framework & Others

Spring, Spring-boot, Cypress, REST, SOAP, Agile Methodology, MicroService, Amazon Web Service

Languages

Fluent in English & Hindi

Research Work

Fuel Eye:

- Developed an autonomous device that could help detect fraud at petrol pumps/fuel stations (petrol/diesel).
- We are using sensors installed on the fuel tank to measure the amount of refueling.

EDUCATION

Vellore Institute of Technology

June 2016 - July 2020

Bachelor of Engineering, Electronics & Communication; CGPA: 9.42/10

PERSONAL INFORMATION

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ACHIEVEMENTS

- Secured Rank under 10,000 in IIT-JEE Advanced
- Automation Hackathon Winner (Cisco)
- Part of the Cisco Recruitment Process Twice
- Virtusa Hackathon Winner