PRANJAL SURANA

Full Stack Software Developer

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EXPERIENCE

SDE 2
Cisco Systems

📅 Nov 2022 - Present   📍 Chennai (Remote)

- Service Owner for Java-based back-end micro-service and responsible for new API developments and bug fixes.
- Delivered keys APIs for error enhancement & UI with CSV download, reducing customer defects reaching the engineering team up to 15%.

SDE 1
Cisco Systems

📅 Jan 2020 - Oct 2022   📍 Chennai (Remote)

- Key role in migrating Webex Calling portal front-end features using all the latest Angular techniques like RxJs, NgRx, and Redux.
- Part of Security Team, responsible for fixing various security issues and has addressed more than 5 security defects, and upgrades and has also delivered pep talk 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 in 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.

Intern
Virtusa

📅 May 2019 – July 2019   📍 Hyderabad

- Development of autonomous scheduled file transfer program.
- Frequency scheduled program with different delays integrated with JDBC and coded in JAVA.
- Automated sending of delivery reports via message on the designated mobile numbers.
- The program was integrated with Servlets used to carry out queries from the front-end.

EDUCATION

Bachelor of Technology (B.Tech), Electronics and Communication

Vellore Institute of Technology

📅 2020   📍 CGPA 9.42

COURSES / CERTIFICATION

Brown, Blue, and White Security Belt (Cisco Certified)

Recognised 3 Times For Good Work in Cisco.

ACHIEVEMENTS

- Secured Rank under 10,000 in IIT-JEE Advanced
- Automation Hackathon Winner (Cisco)
- Part of Cisco Recruitment Process Twice
- Virtusa Hackathon Winner (2019)
- Placed in top 3% in "LONG JUNE 2019 CHALLENGE" Codechef - 9500+ Participants.

SKILLS

Languages: JAVA, Python, Solidity, Angular, Jquery
Tool: VSCode, Postman, SoapUI, Eclipse
Framework: Spring, Spring-boot, Backbone.js.
Others: Cypress Automation, REST and SOAP Services, Agile Methodology, Micro Services
Soft-skills: Communication, Problem Solving, Teamwork

PROJECTS

Hackathon - Python Script Password Rotation

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

Scrible Integrated Web App

- Developed Scrible Game Web App
- Integrated web app with Cisco Webex Meetings

Smart Contracts Development Blockchain

- Implementing EVM-based Smart Contract Using ERC20, ERC721, ERC721A
- DEFI Products, Token Deployment, NFT Deployment, Staking Contracts, Rewarding Contracts.

Heart Rate Monitored Fail-safe System for Automobiles

- An alert-based Security System For Automobiles, monitoring the driver's heart rate and managing the safety system including emergency SOS and wheel control.

Electronic Walking Aid for Visually Impaired People

- IoT-based SOS and guidance Electronic Stick for Blinds Keeps track of ambient surroundings and alerts the person in case of any disturbance, who can then send an SOS containing the GPS coordinates of the concerned.

RESEARCH WORK

Fuel Eye

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

INTERESTS

Cricket, Swimming, Chess, Gaming

Participated in 10+ Events at Cisco Systems