

Lohitaksha Malhotra

SWE · Cisco

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Work Experience

Cisco

Software Engineer

- Contributed to the development and maintenance of the Webex Contact Center Enterprise (UCCE) product, resolving software defects and delivering fixes across the 15.0(1) and 15.0(1)ES202607 releases.
- Resolved multiple Software Upgrade (SWUG) issues by upgrading third-party dependencies to address security, compatibility, and upgrade requirements while maintaining product stability.
- Migrated Campaign Manager, a component of the UCCE Intelligent Contact Management (ICM) product, from 32-bit to 64-bit Windows, modernizing the component for a 64-bit platform.
- Improved WebSetup functionality to support secure connections, contributing to the security and reliability of the product.

Bangalore, India

Aug 2024 - Present

Cisco

Software Engineering Intern

- Developed an anomaly detection system for monitoring system KPIs, analyzing historical data and metric correlations to identify potential anomalies and outliers for operators.
- Built machine learning and data analysis workflows using Python, PyTorch, Pandas, NumPy, Scikit-learn, Prometheus, and Grafana for KPI analysis, monitoring, and visualization.

Bangalore, India

Feb 2024 - Jun 2024

Education

Birla Institute of Technology

Bachelor of Technology

- CGPA - 8.51

Mesra, Jharkhand

2020 - 2024

Projects

Resuai.io

Technical Skills: Next.js, Typescript, TailwindCSS, React, PostgreSQL, Docker

- Independently developed and implemented the resume switching feature. Created both the UI part for this feature and the logical part.
- Integrated Google authentication base for ResuAI. This feature is currently in a feature branch, which will be later used to sync across devices.
- Both of these, along with some UI improvements combined enhanced the user experience and streamlined the resume creation process.
- Soft Skills:** Communication, Working across time-zones, Logical Thinking, Proposing New Features.

Closed Source

Jul 2023 - Dec 2023

NAPS Website

Technical Skills: Next.js, TailwindCSS, React, MongoDB, Express, NodeJS, Typescript

- Created the NAPS Club website for creating and publishing blogs. Lead the development on this project under the guidance of club seniors. The updating and creation of blogs is limited to authorised club members only, and the data is served through the college's own server
- Improved the SEO performance by including incremental site regeneration, and Server Side Rendering. This ensures proper SEO Indexing when the club gets approved for their domain
- Maintained / Reviewed PRs and guided other developers to contribute to the codebase. Wrote documentation and resolved doubts for juniors contributing to the codebase
- Soft Skills:** Leadership, Providing Feedback, Communication, Logical Thinking.

Mar 2022 - May 2024

Skills

Languages	C++, Java, Python, JavaScript, TypeScript, SQL, HTML/CSS
Frameworks and Libraries	ReactJS, Next.js, Struts, PyTorch, Scikit-learn, Pandas, NumPy, Matplotlib
Tools & Technologies	Linux, Shell Scripting, Git, Prometheus, Grafana, Visual Studio, MongoDB, Mongoose, PostgreSQL
Other	Data Structures & Algorithms, Vim/NeoVim, Markdown, Confluence

Achievements

Jan 2023 3rd Position Web-a-thon (Kshitij)

The event was a 48 hour hackathon with over 100 participants, and our team got 3rd for the project TeamFind.

IIT KGP

Jan 2022 Top 10 IEEE MegaProject

MegaProject is IEEE's flagship event. Our project VSBuddies got to the top 10 projects for this event.

BIT Mesra