Lohitaksha Malhotra

SWE Intern · Cisco

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Work Experience

Cisco   *Bangalore, India*
Software Engineering Intern   *Feb 2024 - Jun 2024*
- Collaborated in a team of two under the leadership of many seniors at Cisco to develop a Anomaly Detection system based on the KPIs captured
- Predicted system behaviour based on historical data as well as correlation between metrics and highlighted potential outliers to the operator
- **Technical Skills:** Prometheus, Grafana, Python with PyTorch, NumPy, Matplotlib, Pandas, Scikit-learn, Linux tools & Shell Scripting, Git.
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills.

Education

Birla Institute of Technology   *Mesra, Jharkhand*
B.Tech in Mechanical Engineering   *Sep 2020 - Jun 2024 (expected)*
- Current CGPA - 8.57

Projects

Resuai.io   🔗 | *Closed Source*
Technical Skills: Next.js, Typescript, TailwindCSS, React, PostgreSQL, Docker   *Jul 2023 - Dec 2023*
- 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.

NAPS Website   🔗 | ⬛
Technical Skills: Next.js, TailwindCSS, React, MongoDB, Express, NodeJS, Typescript   *Mar 2022 - May 2024*
- 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.

Skills

Programming	JavaScript, Typescript, ReactJS, Next.js, MongoDB, Mongoose, SQL , Problem Solving with C/C++ , HTML/CSS, DSA
Miscellaneous	Linux, Shell Usage (Bash/Zsh), Git, Vim and NeoVim, Markdown
Soft Skills	Time Management, Teamwork, Problem-solving, Documentation, Communication, and Feedback.

Achievements

Jan 2023	**3rd Position** Web-a-thon (Kshitij)	*IIT KGP*
	The event was a 48 hour hackathon with over 100 participants, and our team got 3rd for the project TeamFind.	⬛
Jan 2022	**Top 10** IEEE MegaProject	*BIT Mesra*
	Megaproject is IEEE's flagship event. Our project VSBuddies got to the top 10 projects for this event.	🔗	⬛
Apr 2021	**3rd Position** Portfolio Building Project, IEEE Lead 2.0	*BIT Mesra*
	Built my first even website (a portfolio website) for this event during my first year at BIT Mesra.	🔗	⬛

Positions Of Responsibility

IEEE	Executive Body Member *[2021-2024]*
IET	Senior Body Member *[2020-2024]*
Society for Data Science	Member *[2020-2024]*
Pantheon Event	Organising Body Member *[2022]*