

Bangalore,
India

Shivangi Mishra

+91 8826003669
mishrashivangi0703@gmail.com
linkedin.com/in/m-shivangi
leetcode.com/u/shivangi073/

Skills

- **Programming Languages and Frameworks:** Python, Java, Angular, NodeJS, Django, Flask, React
- **Databases:** MongoDB, MySQL, Redis
- **Infrastructure Deployment :** Docker, Kubernetes, Git, Jenkins
- **Certifications:** CCNA (Cisco Certified Networking Associate), Cisco Certified DevNet Associate

Employment

Software Consulting Engineer	Cisco	Aug/2022-Present
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Clients - Bank of America, CVS

- Designed and developed NCD Peer Review Tool from scratch to perform peer review on Network Change Documents, reducing manual effort by 97%
- Built and deployed five automation scripts using Python and the MEAN stack for Data Center services, enabling real-time retrieval of crucial information and efficient reporting to customers within minutes.
- Developed a microservices-based solution from scratch using Python and the MEAN stack to execute scripts on Cisco's network orchestration product, enabling seamless management of thousands of device configurations.
- Designed and developed NCD Generator Tool from scratch which helped to generate NCD documents for Wireless Domain, effectively reducing manual efforts by 90%

Consulting Engineer	Cisco	Aug/2021-July/2022
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Clients - Citibank, Telstra, Johnson & Johnson, Providence Health, FEMA, Cigna Insurance

- Contributed to the Professional Services team for Cisco Wireless Products, focusing on documenting software analysis and release standard reports.
- Led bug scrubbing efforts for customer networks, identifying potential vulnerabilities and making data-driven decisions to mitigate risks and enhance network security

Technical Graduate Intern	Cisco	Jan/2021 - July/2021
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Software Automation and Orchestration Team

- Developed an Observability and Monitoring system to track the health of multiple networking software applications, utilizing Telegraf, InfluxDB, Chronograf, Kapacitor, and Shell Scripting, along with frontend technologies like Bootstrap, HTML, CSS, and jQuery.
- Developed an email alerts feature using corporate SMTP servers, leveraging Python3 (email, smtplib, ssl) for secure and efficient email notifications.

Amazon Campus Mentorship Program	Amazon	Jan/2020 - June/2020
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PopColor Android App

- Selected as one of 20 female students from IGDTUW for a six-month mentorship program
- Mentored by Amazon employees on software development, career growth, and industry best practices.
- Developed the Color Detection Android App - Pop Color. Technologies: Java, Native Android, Android Studio, PushNotification, Camera.

Education

Indira Gandhi Delhi Technical University for Women	Aug 2018 - May 2021
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- Masters in Computer Application. GPA: 8.14/10

Dyal Singh College, University of Delhi	Aug 2015 - May 2018
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- Bachelors in Computer Science. GPA: 8.16/10