DHARMIK BATRA

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Education

Birla Institute of Technology and Science, Pilani Campus **2019 – 2023**
Bachelor of Engineering (Honours.) in Computer Science *Pilani, Rajasthan*

Experience

Toast Inc. **July 2025 – Present**
Software Engineer *Bangalore, Karnataka*

- Working on worldpay payment gateway as part of funds transfer team
- Tech Stack: Kotlin, Gradle, Python, Rest API, Microservices

Cisco Systems **August 2023 – July 2025**
Software Engineer *Bangalore, Karnataka*

- Responsible for building **REST API** backend of a **Health Monitoring Tool** that monitors health of various internal tools and optimizing the use of development resources like router testbeds and remote VMs.
- Added features to raise JIRA tickets and inform the DE Manager via the email regarding services with health issues which reduced the average downtime by 18% across all the services.
- Developed a **Consistency Checker** end to end for Layer 2 interfaces to check consistency at various levels including **Software programming** and **Hardware programming**
- Reduced the initial steps of triage during customers issues and reduced the resolution time of Layer-2 team by 22%
- Worked on various features in **L2VPN** in **IOS-XR** - router's operating system.
- Tech Stack: Python, PyAts, Pytest, Java, Springboot, C, Router's CLI, Layer 2 Networking Protocols

Cisco Systems **January 2023 – June 2023**
Software Engineering Intern *Bangalore, Karnataka*

- Worked on the automation Package CAFY(Cisco Automation Factory) developed over **Pytest** framework to automate the Sanity check processes at the scale level.

Wipro LinecraftAI **May 2022 – July 2022**
Software Engineering Intern *Pune, Maharashtra*

- Developed a custom calculator end-to-end including testing and integrating which allows users to view graphical overview of any expression of the parameters of their manufacturing firms with respect to time.

Projects

Tourify App | 🔗 *Tourify* **2024**

- A full stack web application where admin and guides can host any tour and all the users can sign up for any number of tours and can review them also.
- REST API with protected and restricted endpoints: Add/modify tours, review them after booking, and a payment gateway for the registered user to book the tour.

Private Chat Room | 🔗 *Chat App* **2022**

- Built a chatroom web application where users can create and join private chat rooms using room codes.
- Users can send text messages, their location, and images. Used web sockets to implement real-time information transfer.

Tools and Technologies

Python, C/C++, Typescript, Java, HTML/CSS, NodeJS, ExpressJS, Springboot, NestJS, Spring.io, Socket.io, PyAts, Pytest, API Integration, Database Management, MongoDB, MySQL, Postgres, Docker, kubernetes, Kafka, Computer Networks, Multithreading, Postman, Brevo, Stripe, Git, L2 networking protocols

Online Courses and Certifications

Advanced Backend Development using NodeJS and Express (Udemy)
Python for everybody (Specialization) (University of Michigan)
SQL Bootcamp (Udemy)
Bits and Bytes of Computer Networking (Google)

Test Scores

- JEE Advanced: AIR 2291
- BITSAT Score: 398/450