

ARPIIT
JAIN

DEVELOPER,
ENGINEER &
RESEARCHER.

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EDUCATION

B. Tech in Computer Science and Engineering

Indian Institute of Information Technology, Jabalpur, India
Aug 2015 – May 2019

- GPA: 9.025 / 10
- Academic Excellence Award for all four years of the program.

EXPERIENCE

Software Developer, UI-Hub, IBM Cloud and Cognitive Software

IBM India Software Labs, Bangalore, India

Aug 2021 – Present

- Leading a squad of developers from India and China.
- Full Stack developer of [IBM's Supply Chain Intelligence Suite](#).
- Discussions with the leadership, requirement and feasibility analysis, architectural meetings.
- Planning Epics, Stories, and tasks for efficient feature deliveries.

Software Developer, Info-Hub, IBM Cloud and Cognitive Software

IBM India Software Labs, Bangalore, India

Aug 2019 – Aug 2021

- Backend developer of [IBM's Supply Chain Intelligence Suite](#).
- Developed GraphQL Framework based, Spring microservices for centralized and global data-availability in a consistent canonical data format from Elasticsearch everywhere instead of silos.
- Followed CICD development practices for robust, reliable, highly-scalable, and efficient feature delivery with end-to-end responsibility of development, quality assurance and deployment of microservice components.
- Handled daily monitoring of 4 Production and 3 Non-Production Kubernetes clusters across Dallas, Frankfurt, and Washington DC.
- Wrote Rest API performance scripts to monitor and optimize the microservice backend.
- Triple Promoted directly in the duration of one year for exceptional performance.

Visiting Researcher, i-Agents Lab

National Taiwan University's Intel IoX Center, Taipei, Taiwan

Jun 2019 - Aug 2019

- Collaborated with a team at Asus to develop a classroom companion web app for their robotic pet Zenbo.
- Improved the feedback mechanism of online learning for iterative course improvement [published in **INDIAHCI 2020**].

Software Developer, Intern, Watson Supply Chain

IBM India Software Labs, Bangalore, India

May 2018 - Nov 2018

- Achieved 12x performance improvement IBM business APIs by modifying legacy IBM TenX framework with Spring.
- Developed an UI Frontend app in Angular for these new optimized APIs.
- **Qualified for Global Round** of IBM Call for Code.
- Developed an automated deployment application called DFRAME and presented it to **IBM's Director of Watson Supply Chain**.

SKILLS

- **Programming** – Java, C++, Python
- **Markup/Web** – HTML, CSS, JavaScript, TypeScript
- **Frameworks** – RESTful services, GraphQL, Spring, OOPs, Microservice Architecture, Angular 8
- **DevOps** – Docker, Kubernetes
- **Others** – Git, Maven/Gradle, Kibana, LaTeX
- **Database** – MySQL, Elasticsearch, Cassandra
- **Design & Research** - UX/UI Research & Prototyping, Carbon Design System, Design Thinking, InVision, Adobe Creative Suite, Agile workflow, Scrum

OTHER EXPERIENCES

- **Founder, 100% Human, Sep 2021 – Present.**
- **Research Engineer, IISc Bangalore, Jan – Nov 2020.** Developed a collective student project analysis tool.
- **Research Engineer, Delhi Tech. University, Dec 2018 – May 2019.** Performed social media graph analysis.
- **Remote Research Engineer, Carleton University, June – Dec 2018.** Developed an entity linking learning interface.
- Member of **IBM** and **Google India Developer Community**, Since 2019.
- Member of **Global Translator Community, Coursera**, Since 2019.
- Writer on **Codeburst.io Blogging community**, Since 2019.
- Volunteer at **Mozilla India community**, Since 2019.
- Coordinator & Mentor at **Aakriti Film Making Society IIITDMJ**, 2016-18.
- Digital Coordinator at **Spic Macay IIITDMJ**, 2017.

PUBLICATIONS

- MOOC Feedback Visualization for Iterative Course Improvement, **IndiaHCI 2020**.
- Entity Linking Interface to enhance Online Learning, **IndiaHCI 2020**.
- An interactive AVL-Tree Intelligent Tutoring System, **COMPUTE 2019**.
- Unsupervised Single-View Depth Estimation for Real Time Inference, **CVIP 2019**.

ACHIEVEMENTS

- **Best Poster and Demo** in INDIA HCI 2020
- **Best Abstract** in ACM Compute 2019
- **Top-10** in Smart India Hackathon, 2018
- **2nd Position** in ML Hackathon Organized by IBM, 2018
- **Consolation Prize** in Hackathon by Vassar Labs (Think O Hack), 2017
- **Honorable mention** in YES! I AM THE CHANGE Social Film Making Challenge, 2016
- **International Rank 7** Informatics Olympiad by Silverzone, 2014