

Yash Pathania SDE 1

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📍 India

📅 07 Apr 1999

🏆 Hacker Rank

🌐 LinkedIn

Profile

Dedicated Software Engineer with two years of hands-on experience, complemented by a proactive freelancing background. Passionate about driving results, one line of code at a time.

Education

**Thapar Institute of Technology,
BE Computer Science with Minors in Data Science**

2018 – 2022 | Patiala

Computer Science, B.E. 4th year CGPA: 8.10

**Indira Gandhi National Open University,
Certificate In French Language,**

2020 – 2022 | Delhi

Diploma In French Language

Army Public School Ahmedabad, Class 12th

2016 – 2017 | Ahmedabad

Skills

Python — Sanic,Django | **Web Dev** | **C++** |
Machine Learning | **Postgres** | **Ruby On Rails** |
Kubernetes | **AWS** — SQS, Kafka, EC2, S2 |
Bitbucket | **Redis** | **MongoDb** | **Ruby** |
Rspec | **React** | **Docker** | **Podman**

Professional Experience

Tata 1mg, Software Developer Intern

Jan 2022 – Jun 2022

Worked on ROR Framerwork and YJIT Compiler. Recived an A+ for industry internship.

Tata 1mg, SDE 

Jul 2022 – Present | Delhi, India

- **Odin - Inventory Management**
 - Key contributor; set industry standards.
 - Developed dynamic pricing with ML (Xg boost, deep reinforcement learning).
- **Inventory & Order Enhancement**
 - Managed 1000+ batches for compliance.
 - Boosted order processing by 40% with SKU tagging.
- **Procurement Reliability**
 - Decoupled Odin's purchasing using SQS and Lambda; 15% reliability increase.
- **Warehouse Automation**
 - Pioneered automated procurement, optimizing inventory.
- Worked on cut strip module; allowing for seeling loose medicine on retail stores.
- Decoupled microservices from Legacy ROR monolity to sanic python
- Worked on Testing Suite

Sketch Bytes, Software Developer Internship

Apr 2020 – Apr 2021 | Port Blair

- **Module Development & Enhancement**
 - Successfully debugged and engineered two pivotal modules, elevating system performance.
- **Significant Healthcare Impact**
 - Directly influenced care at 7 hospitals, positively impacting over 7,000 COVID patients.
- **Network Fabrication & Integration**
 - Crafted robust inter-hospital networks using Django and Python, ensuring efficient communication and data exchange.

Olive Green Immigration, Web Developer Freelancing 

Jun 2020 – Aug 2020

- Established a front end for the company.
- Created a data entry system as required by the client.
- Set up automatic emails and custom email servers.
- Designed various email headers and designs using HTML& CSS.

Saansha Artworks, Co-Founder/Technical Head/Sales head

Nov 2020 – Jun 2021 | Delhi

- Co-founded a startup focusing on selling stationery online.