Yash Rajput

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WORK EXPERIENCE

TURTLEMINT | Senior Software Engineer Pune, IN | Dec 2022 - Present

- **Full-Stack Engineer** with expertise in **backend, frontend,** and **DevOps,** strong in architecting and delivering **scalable systems.**
- **Designed and released 10+ services,** leveraging cutting-edge technologies to drive **scalability** and **performance.**
- Applied **DevOps best practices** for **staging,** managing **Kubernetes manifests,** and optimizing **CI/CD pipelines,** ensuring smooth and efficient software delivery.
- Led the migration of UI Path RPA to Java + Playwright, reducing infrastructure and eliminating licensing costs, resulting in ~₹1CR+ **annual savings.**
- Implemented Zendesk **attachment redaction,** cutting storage from **3TB to under 1TB,** saving **$28K+ annually,** with increasing savings year over year.
- **Developed Recon Management Service,** enabling **high-speed, accurate reconciliation** of **large datasets** across files (CSV, XLSX) and **database adaptors.**
- Additionally, contributed to impactful **side projects,** including **TM-contest, Auth Service, API Gateway rules and filters, Sales-CRM backend,** and **Payment Integrations,** enhancing efficiency, scalability, and reliability.

Software Engineering Intern

- Developed the **Onboard-Upgrade platform,** integrating **frontend and backend services** to streamline **onboarding, training,** and **real-time tracking,** enhancing user experience and operational efficiency.
- **Enhanced Integration-Studio,** adding **critical features** and optimizing **performance and stability** through new developments and bug fixes.

Open Source - Browser Use

- Contributed valuable suggestions to improve **project efficiency,** driving **development** and enhancing **community engagement.** Recognized for my contributions, I joined the **core team** and led the initiative to create a **generic open-source model** supporting multiple **LLMs,** significantly enhancing the project's **scalability** and **usability.**

INTERVIEW MOCHA | Problem Setter Pune, IN | Oct 2021 – Jul 2022

- Worked as an external contributor to the **problem creation** and **testcases generation** of several coding problems.
- Problems created on - **Data Structures, Algorithms.**

PICT CSI STUDENT BRANCH (PCSB) | Chief Technical Secretary Pune, IN | Jul 2021 – Mar 2023

- Served as **Technical Head,** organizing and moderating major coding events like **Reverse Coding** and **CodeStrike** under **Xenia.**
- Delivered **DSA sessions** for juniors, promoting peer learning and improving problem-solving skills.
- Contributed to technical growth through **seminars** with the **PICT Algorithms Club (PAC)** and **PICT ACM Student Chapter (PASC).**

EDUCATION

Pune Institute of Computer Technology Pune, IN | Aug 2019 - Jun 2023
B.E in COMPUTER ENGINEERING GPA : 9.0/10

ACHIEVEMENTS

- **4 times ACM-ICPC Regionalist** with the **best rank of 82** in Amritapuri, Asia Gwalior-Pune, and Kanpur-Mathura.
- Secured **1st place** in Turtlemint **Hackathon 3.0,** showcasing innovative problem-solving skills and teamwork.
- Highest Rated **1438 Specialist** on **Codeforces.**
- Highest Rated **2003 (5 Star)** on **CodeChef.**
- Achieved Global Rank **349** in **Google Kickstart 2022 Round D.**
- Secured **98.95% (12k rank)** — top 2% out of 9+ lakh participants in JEE.

SKILLS

- Hands-on experience with **Spring Boot, React, MongoDB,** and **PostgreSQL,** developing robust full-stack applications and scalable microservices.
- Proficient in **Java, C++, Python, and TypeScript** with strong foundations in **DSA, OOPS,** and **problem-solving,** backed by competitive programming experience.
- Experienced with **event-driven architecture** using **Kafka, RabbitMQ,** and **Redis,** enabling high-throughput, decoupled systems.
- Skilled in **DevOps & Infra tools** like **Kubernetes, Jenkins, Tekton, Ansible, Ingress,** experienced with **AWS, GitHub,** and CI/CD automation.

PROJECTS

PLACEMENT DATABASE MANAGEMENT SYSTEM ⤤ Javascript, NodeJs, MySQL

- Developed a **full-stack placement portal** with **authentication, search, and data visualization,** streamlining access to student and faculty placement data.

URL SHORTENER ⤤ MongoDB, ExpressJs, ReactJS, NodeJs

- Built a **URL Shortener** web application with a custom **shortening algorithm,** enabling efficient and reliable **URL compression** and redirection.