Pratyush Sharma

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Personal Profile

Pratyush Sharma is a Software Engineer with 2.5+ years of professional experience specializing in Data Engineering, Backend development, machine learning, python development. Primarily, looking for Backend Developer/Data Engineer/Python Developer roles.

Education

IIIT Bangalore
Bangalore

Advance Certification in Data Science
July 2021 - Oct 2022

- **Major**: Data Science, Data Engineering, Data Analysis
- **Courses:** Data Analysis in Excel, Programming in R, Programming in Python, Database Design and Introduction to MySQL, Python for Data Science, Data Visualisation in Python, Exploratory Data Analysis, Inferential Statistics, Hypothesis Testing, Advanced SQL, Machine Learning, Data Engineering, Introduction to Cloud Computing and AWS Setup, Linux Scripting, Introduction to Hadoop, NoSQL Databases and Apache Hbase, Data Warehousing and ETL, Data Ingestion with Apache Sqoop and Apache Flume, Hive, Amazon Redshift, Apache Spark and Spark using Scala

Delhi College of Engineering
Delhi, India

BTech in Electrical Engineering
Aug 2016 - Aug 2020

- Graduated with Distinction
- **Tech Lead** of Society of Robotics, School Teacher for Project Prayogshala in Teach for India

ASN Senior Secondary School
Delhi, India

High School
May 2014 - May 2016

- Passed with Distinction in Physics, Chemistry, and Maths with specialization in Computer Science
- **Chief Prefect** of the Bose House in class XII
- **Co-Founder**: Curiosity: Science Club of the School

Work Experience

Locus.sh
Bangalore, India

Backend Integrations Engineer - Go Live
July 2022 - Present

- As an IE, my core roles and responsibilities include creating **API Postman Collection** for **South-East Asia (SEA)** clients depending upon the use case SPMD, MPMD, On-Demand etc.
- Responsible for coming up with better **Integrations Solutioning**, **Tech POC** of Locus helping clients integrate locus pods, creating new and updating existing **REST APIs**, and updating and automating **python scripts**.
- Increased the efficiency of **Integrations- Go Live** Team by **50pcent** completing 15 integrations in 3 months.
- **Technical Skills:** Python, Restful APIs. Key-Client Relationship
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills.

WorldData.AI
Bangalore, India

Backend Data Engineer
Oct 2021 - July 2022

- The E2E process includes data cleaning, data ingestion, creation of **python scripts**, creating master files in excel, analyzing datasets into sector/sub-sector, performing **ETL** operations on company's home made platform and pushing it to the **https://worlddata.ai/** in the end.
- Responsible for running **SQL queries** for checking database problems, providing data insights to the Product Manager depending upon the clients-requirements.
- Responsible for maintaining and keeping a check on updation of daily / monthly / annual databases which are on the platform.
- Responsible for creating new profiles for new joiners on the server, doing the on-boarding/training of new joiners, maintaining server, shrinking file logs, databases size etc.
- **Technical Skills:** Advance Excel, Python, SQL, Cassandra, Elasticsearch, Restful APIs, Trello.
- **Soft Skills:** Leadership, Time Management, Communication, Logical Thinking.

NewTech   *Delhi, India*
Backend Engineer   *July 2020 - Oct 2021*

- Joined directly from college as an **Associate Software Engineer** in July. Performed the role of **UX-UI Designer / Project Manager** in start which involves creating wireframes on Balsamiq, Figma, use of Jira, Confluence, Material UI Library, creating documentation involving architecture, UML Diagrams, E-R Diagrams of various projects.
- Created a personal product: **Social Slambook App**: Idea: A platform for similar-age group people where they can give answers to questions asked by their friends to them. They can post/share the slams on their wall, send slams/friend requests to their friends and share pictures on their walls too. Responsible for ux-ui designing, product planning, wireframing, coding the frontend on flutter/dart, backend on firebase, project management on jira. Used Survey Monkey, Google Trends, Google Analytics for market analysis and released the alpha and beta versions all by myself.
- Project: **Employee-Management System**: Worked on various modules like Entry, Exit, Attendance, Leave Policy of an Employee as a Frontend Developer on the tech stack Flutter / Dart. Responsible for working on features like Face scanning, employee id mapping and data submission, authentication and data security.
- Project: **E-Commerce Application**: Created **REST APIs** for User, Shop, Product of the new Shopkeeper App and Shopping App which are divided into 2 new apps from existing parent app. Created the **Database schema**, performed **API Designing**, **System Design Flow** of this particular project.
- Created a fresh **Backend Documentation** for sql database schema, apis, services and controllers used in the projects to help developers and increase productivity.
- **Technical Skills:** Flutter, Dart, Java, SQL, Firebase, Springboot, MySQL, AWS-S3, RDS, Git.
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills.

Skills

Hands-on Coding:	Python, Java, Springboot, SQL, AWS
Familiar with:	Python Libraries, Python scripting, Core Java, Spring, Hibernate, AWS, Design Patterns, System Design: LLD, HLD, Microservices, Cassandra, Elasticsearch, MySQL, SSIS Server
Soft Skills	Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.

Achievements

2022	**381,953**, Leetcode Rank	*India*
2016	**156/360**, JEE Mains (IITJEE)	*India*
2015	**1St**, Senior Computer Quiz	*Silico Battles V11.1*
2015	**SR:59, AIR: 1396**, NSTSE	*Delhi*
2015	**Bronze Medallist**, 8th IMO	*Delhi*
2015	**Top 1 Pcent**, National Mathematics Olympiad (NMO)	*Delhi*

References available upon request.