

SHIVANGI SRIVASTAVA

Software Development Engineer (SDE-2) | Java | Spring Boot | Python | BigQuery

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[Portfolio](#) | [LinkedIn](#)

PROFESSIONAL SUMMARY

Proactive Software Engineer with 3+ years building scalable backend systems at PayPal. Expert in Java, Spring Boot, BigQuery, and ReactJS. Known for rapid problem-solving and driving efficiency through thoughtful design.

PROFESSIONAL EXPERIENCE

Software Development Engineer 2

PayPal | Bangalore | Apr 2023 – Present

- Developed proprietary shadow testing tool, detecting 90%+ integration issues pre-production
- Refactored legacy Kafka-based Java component, reducing complexity by 30%
- Revamped ReactJS UI, improving load time by 40%
- Migrated 20+ payment exception jobs from Informatica to in-house frameworks, reducing costs by 25%
- Converted KPI tooling from Oracle to BigQuery, achieving 60% lower query latency

Software Development Engineer 1

PayPal | Aug 2021 – Apr 2023

- Developed RESTful APIs using Java Spring Boot for real-time transaction monitoring
- Built scalable backend services handling millions of daily API transactions
- Achieved 80%+ code coverage using Mockito, reducing post-deployment bugs
- Contributed to KPI design and platform metrics for faster root cause analysis

Software Engineering Intern

PayPal | Feb 2021 – Jul 2021

- Built Latency Explorer for API performance monitoring
- Enhanced dashboard UI using Spring and React

PROJECTS

Educational Mentorship Platform

Python, Django | Jun 2020 – Jul 2020

- Built complete backend for student-mentor matching platform
- Implemented authentication, session management, and real-time interaction APIs
- Onboarded first 100 students, enabling scalable mentorship access

Alphabet Kit for Kids

Django, HTML/CSS/JS, Speech Recognition, ML | Apr 2021 – Jun 2021

- Voice-controlled educational game for pronunciation improvement
- Integrated ML models for speech clarity assessment and feedback

Personal Portfolio Website

HTML, CSS, JavaScript | Jun 2020

- Responsive design portfolio hosted on GitHub Pages

EDUCATION

B.Tech, Computer Science & Engineering

Maharaja Surajmal Institute of Technology

CGPA: 9.52 | 2017 – 2021

CBSE (XII), PCM + Computer Science

Vanasthali Public School

94%

CBSE (X)

Vanasthali Public School

CGPA: 10.0

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Scala

Frameworks: Spring Boot, ReactJS, Django

Databases: MySQL, BigQuery, Oracle

Tools: Git, CI/CD, Kafka, Mockito

Methodologies: Agile, OOP, TDD

ACHIEVEMENTS

- 2 SPOT Awards at PayPal for timely delivery and high-quality code
- 4th Place - PayPal Internal Hackathon: Built Release Analysis Tool using LLM for deployment health scoring and security vulnerability detection
- Academic Excellence Award (2018-19)
- 1st Prize - 'BUG-DEBUG', GGSIPU Tech Fest
- 3rd Prize - 'CODIFY', MSIT Tech Fest
- Merit Scholarship for Class X (10 CGPA)

CORE COMPETENCIES

- Backend Architecture & API Development
- System Integration & Migration
- Performance Optimization
- Data Pipeline Development
- Testing & Quality Assurance