

Sandip Gupta

Software Developer

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Education

Bachelor of Computer Engineering,

2019 – 2023 | Kalyan, India

B. R. Harne college of engineering and technology

Score **8.7 CGPA** | Taught fellow students Python and DSA.

Higher Secondary School, D. N. C. Multipurpose College

2016 – 2018 | Dombivali, India

Score **75.38%**

Professional Experience

Software Engineer, Zycus Infotech Private Limited [🔗](#)

10/2023 – present | Mumbai, India

- **Co-developed** MultiMapper, a cutting-edge utility for **JSON-to-JSON** data transformation, incorporating drag-and-drop mapping and JavaScript execution capabilities. Integrated **AI-driven functionalities** for **intelligent mapping** suggestions and dynamic script generation, reducing pipeline configuration time by **75%**.
- Led the major part of the core products **migration** from **JDK 11 to JDK 21**, enhancing performance metrics and system stability. Orchestrated the transition from **server-based infrastructure to Docker and Kubernetes**, achieving **faster deployments** and near-zero downtime.
- **Managed and optimized** the internal integration stack, streamlining environment migration, pipeline configuration, and job setup processes.
- Engineered scalable, modular, and API-centric architectures within the integration product stack, **boosting** overall system performance and resilience.
- Leveraged Datadog and Jenkins for continuous monitoring and deployment, ensuring **high availability** and **optimal performance**.

Projects

Elite School, Spring Boot 3.2, Angular18, Jdk21, PostgreSQL, IntelliJ, VScode [🔗](#)

- Developed a platform with a **microservice architecture** with **JWT** authentication and management, custom user management and **authentication**, and a comprehensive bank-like points and user account **management system**.
- This school and bank management platform empowers students to earn rewards based on their skills and achievements, significantly enhancing the educational experience for economically disadvantaged students.

DashLink, Angular18, Firebase, TypeScript, HTML5, SCSS [🔗](#)

- Developed using **Firebase** functionality for data storing and fetching, performing **CRUD**, **Google authentication**, user management, and hosting. Allows focusing more on the data design.
- This web application offers secure data storage, a user-friendly interface engineered to focus on efficient storage and management of bookmarks of places, links, techs, etc. It improves user accessibility and organization for their TODO or locations and links.

ColorMage, Python, Flask, HTML5, CSS3, VSCode [🔗](#)

Web application to generate a coloured version of a grayscale image using a **pretrained model**. created as college project.

Skills

Programming Languages

- Java
- TypeScript
- Python
- JavaScript
- SQL

Frameworks

- Angular
- Spring Boot
- Django
- Flask
- Node.js
- Bootstrap

Databases

- PostgreSQL
- MS SQL Server
- MongoDB
- Redis
- MySQL

Tools and Others

Git, GitHub, Firebase, BitBucket, Docker, Postman, Jira, Salesforce, VSCode, IntelliJ, Cursor, HTML5, CSS3, SCSS, Linux, Windows