

Sree Arpita Patra

Software Engineer

I design, build, and ship end-to-end software across product, platform, frontend, backend, cloud delivery, and secure engineering practices.

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EXPERIENCE

SVC Info Developer II

Hewlett Packard Enterprise - Bengaluru, India

April 2022 - Nov 2024

Delivered analytical dashboards and monitoring systems for international telecom clients.

- Built Angular and TypeScript dashboards for Safari, DU Dubai, and Telefonica Spain.
- Created alarm monitoring systems with protocol categorization and severity classification.
- Led scratch-built resource management work for DU Dubai.
- Reverse-engineered legacy telecom flows to support modernization work.

Software Engineer

Cognizant Technology Solutions - Bengaluru, India

May 2020 - April 2022

Built fintech onboarding services, commerce systems, batch workflows, and service decomposition initiatives.

- Built merchant onboarding platform capabilities for PayPal.
- Refactored a monolithic API into three discrete services for better throughput.
- Created a bulk onboarding engine for Facebook Marketplace using Spring Batch.
- Contributed to Macy's e-commerce product recommendation work.

Full Stack Development Intern

Cognizant Technology Solutions - Hyderabad, India

Jan 2019 - April 2019

Completed hands-on software engineering training across frontend, backend, deployment, and delivery foundations.

- Selected for an intensive software development program.
 - Trained across frontend engineering, backend services, container basics, and delivery practices.
 - Delivered mentored projects using professional engineering practices.
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SELECTED PROJECTS

Swipe2Eat

Java / Spring Boot / Flutter / MySQL

2026

Food-ordering platform focused on streamlined browsing, ordering, and checkout experiences.

Role: Software engineer shaping ordering workflows, service boundaries, data flow, and Flutter frontend experience.

AI Friend

Spring Boot / Mistral LLM / Ollama

April 2025

Privacy-first locally hosted AI chatbot with conversational workflows, local model execution, and service-oriented integration.

Role: Designed the integration path, conversation flow, runtime boundaries, and secure local execution expectations.

Flowelle

React / Spring Boot / MySQL

March 2025

Women's health and menstrual cycle tracking app with prediction, uploads, authentication, and consultation planning.

Role: Designed and implemented product workflows across user experience, application services, and data persistence.

SKILLS

Frontend systems

Angular, React, Flutter, TypeScript, JavaScript, HTML, CSS

Backend and services

Node.js, Java, Spring Boot, Spring Batch, Hibernate, JPA

Data and integration

MySQL, Oracle, PostgreSQL, Cassandra, MongoDB, GraphQL

Platform and delivery

AWS, DevSecOps, CI/CD, GitHub Actions, Docker, Kubernetes, Jenkins, Git, Maven, Postman

Architecture and testing

Microservices, REST APIs, Kafka, JUnit, Mockito, TestNG

EDUCATION AND TRAINING

M.Tech, Software Engineering (Pursuing)

National University of Singapore

Jan 2026 - Dec 2027

B.Tech, Computer Science & Engineering

C.V Raman College of Engineering, Bhubaneswar, India

Aug 2015 - May 2019

Diploma in IT Architecture

CDAC, India

April 2016 - March 2019

Certifications

- Full Stack Web Development Training - Cognizant
 - Docker & Kubernetes Training - Cognizant
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