

Shubham Raj

Software Engineer, Amazon, Spain. iamshubhamraj.com. linkedin.com/in/shubham-raj-iitdhn

Experience

Jan 2026 to now

Software Engineer

Amazon, UPMT, Spain

- Use generative AI to create product images at scale for amazon.com.

Jul 2023 to Dec 2025

Software Development Engineer II

Amazon Web Services, Bengaluru

- Helped drive the core design and execution of blueprint instruction optimization for Amazon Bedrock Data Automation, launched December 2025. It refines extraction instructions from up to 10 labelled documents, with no model training.

May 2021 to Jun 2023

Software Development Engineer

Amazon Web Services, Bengaluru

- Designed and built the core document processing service behind Amazon Textract's asynchronous APIs as part of an async re-architecture.
- More than 100 million documents a month, for customers in 15 AWS regions. Docker on EC2, queues and DynamoDB.

Jan 2021 to May 2021

Software Engineer

Samsung Research, Bengaluru

- 5G architecture and protocols in the Mobile Communication R&D team, and a time series model forecasting 4G LTE network traffic for base station scaling.

Jun 2020 to Sep 2020

Software Engineer Intern

Postman, Bengaluru

- Version control squad: change tracking and history for Postman's real-time collaboration.

May 2019 to Jul 2019

Software Engineering Intern

Samsung India, Bengaluru

- 5G demonstration software on ARMv8 and ThreadX. Seasonal ARIMA forecasting of hourly 4G LTE cell traffic.

Education

B.Tech, Electronics and Communication Engineering

Indian Institute of Technology (ISM) Dhanbad, 2016 to 2020

Skills

Distributed systems

Generative AI

AWS

Python

Java

C++

Machine learning

Computer vision

Deep learning