

Mayank Rawat

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WORK EXPERIENCE

Software Development Engineer

March 2025 - Present

Amazon

Gurgaon, India

- Integrated Amazon Autos' ACH payment workflow with Financial Account Authority, enabling it to leverage a third-party plugin to fetch transaction history for buyer risk prevention, reducing payment fraud.
- Engineered an Anomaly Detection service to track, record, and report discrepancies in high-value ACH transactions (**30K–80K USD**) between Amazon Autos and customers, mitigating risk of bad debt.

Software Development Engineer

July 2024 - Feb 2025

Fastenal

Bengaluru, India

- Spearheaded enhancements to catalog assignment logic, directly contributing to the acquisition of a major client contract at Fastenal.
- Led UI revamp of catalog pages on Fastenal.com, boosting user engagement by **25%** and reducing bounce rate by **18%**.
- Designed a search term persistence feature that refined search functionality, resulting in a **15%** increase in customer satisfaction scores.

SDE Intern

Jan 2024 - May 2024

Fastenal

Bengaluru, India

- Gained extensive hands-on experience in **Microservices** Architecture, **Spring Boot**, and **React** through actively resolving bugs and enhancing features of fastenal.com, improving system stability and user experience.
- Collaborated in developing a specialized registration flow for Fast360 analytics users, contributing to a **20%** increase in user engagement.

EDUCATION

Thapar Institute of Engineering and Technology, Patiala

Punjab, India

Bachelor of Engineering in Computer Science, CGPA: 9.56/10.00

Aug. 2020 – June. 2024

PROJECTS

Tronix.Inc | *Java, Spring Boot, Spring Security, JWT, React, Microservices, Micro-frontend*

- Engineered a secure, scalable E-Commerce application using Java, Spring Boot, Microservices, and Micro-frontend architecture, reducing downtime by **25%**.
- Designed and implemented a user-friendly admin panel, enhancing control, management capabilities, and overall scalability within the application.

Tablytix | *Deep Learning, CNNs, GCP, Docker, Flask, IceVision*

- Developed a financial data analysis and querying tool focusing on document layout analysis, and logo redaction.
- Utilized deep learning architectures for document analysis, leveraging PyTorch and IceVision frameworks to train and host various deep neural architecture models and compare their performance.

TECHNICAL SKILLS

DSA and Problem Solving

Languages: Java, C/C++, Python, HTML/CSS, JavaScript, TypeScript

Frameworks: Spring Boot, Dagger, React, Flask, Hibernate

Databases: MySQL, PL/SQL, MongoDB

Testing: JUnit, Mockito

Developer Tools: AWS, Git, Github, Azure

ACHIEVEMENTS

Institute Gold Medal | *Thapar University, Patiala*

- Honored with the Institute Gold Medal for ranking in the top **1%** of students in the Computer Science and Engineering program, in recognition of outstanding academic excellence.

Merit Scholarship | *Thapar University, Patiala*

- Awarded a merit scholarship worth INR **550K+** for consecutive exceptional academic performance, awarded based on GPA for the academic years 2021-2022 and 2022-2023.