Mayank Rawat

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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*

M.M. Public School, Gurgaon — Haryana, India
HSC, 94.60 Aggregate — *April. 2019 – May. 2020*

M.M. Public School, Gurgaon — Haryana, India
SSC, 93.00 Aggregate — *April. 2017 – May. 2018*

WORK EXPERIENCE

Software Development Engineer — July 2024 - Present
Fastenal — *Bengaluru, India*

- Designed a search term persistence feature that refined search functionality, resulting in a **15%** increase in customer satisfaction scores.
- Assisted in developing an App-Insights dashboard to track user visits on Fastenal.com, facilitating the calculation of conversion rates, cart abandonment rates, and key performance metrics.

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.

PROJECTS

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

- Built a fully functional E-Commerce application using Java, Spring Boot, ensuring secured access through JWT and Spring Security.
- Implemented a user-friendly admin panel, enhancing control and management capabilities within the E-Commerce application.
- Employed Microservices architecture and Micro-frontend development, optimizing scalability and downtime reduction by **25%**.

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.
- Engineered a seamless integration of cloud services using Google Cloud Platform, resulting in a **40%** reduction in data retrieval times and improving scalability.

TECHNICAL SKILLS

Languages: Java, C/C++, Python, R, Swift, HTML/CSS, JavaScript, SQL
Frameworks: Spring Boot, React, Flask, Hibernate
Databases: MySQL, PL/SQL, MongoDB
Testing: JUnit, Mockito
Developer Tools: Git, Github, Bitbucket, Azure, AWS, Tableau

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.