

TAPAN RAY

SOFTWARE ENGINEER

 <https://myportfoliotapan.netlify.app/#>



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SUMMARY

Experienced software engineer delivering scalable, secure, and maintainable enterprise applications, with strong ownership of end-to-end development, architecture-driven thinking, and a consistent focus on production-ready, high-impact solutions.

SKILLS

- | | | | | | |
|---------|------------------|-------|-----------|----------------|-------------------|
| • C/C++ | • HTML/CSS/JS/TS | • C# | • WebAPI | • ADO.NET | • Microsoft Azure |
| • JAVA | • SQL Server | • DSA | • Angular | • ASP.NET CORE | • ReactJS |

PROJECTS

MENTORSHIP MANAGEMENT SYSTEM (Gladiator Project)

- Developed a full-stack Mentorship Management System using **Angular, .NET Core, and SQL Server** to streamline mentor-mentee applications, approvals, and tracking.
- Implemented role-based access, resume preview modals, and interactive charts for internship analytics.

MEDICAL EMERGENCY ALERT SYSTEM

- Developed an application that provides real-time emergency alerts to relevant departments based on patient health data using **JAVA, Springboot, and MYSQL**.
- Enabled real-time monitoring and automatic emergency notifications to streamline response times.

EXPERIENCE

LTIMindtree | OPENLANE

26/2025 - Present

Software Engineer – Backend & Cloud

- Built and maintained **ASP.NET Core, RESTful APIs**, supporting scalable backend workflows, integrations, and production stability.
- Implemented and optimized **SQL Server** data access layers, writing complex queries, validating data, tuning performance, and resolving live data issues.
- Supported **Azure-hosted backend services**, managing deployments, configurations, secure environment settings, monitoring, and incident resolution to meet **SLA targets**.

NOKIA NETWORK AND SOLUTIONS

08/2023 - 04/2024

R&D Intern

- Enhanced application performance, leading to a 20% improvement in efficiency.
- Collaborated with teams to align requirements and ensure seamless integration.
- Utilized **SonarQube** to maintain code quality, achieving an 85% reduction in technical debt and 90% adherence to coding standards.

CELEBAL TECHNOLOGIES

05/2023 - 07/2023

ReactJs Intern

- Built responsive, user-friendly interfaces using **React**, increasing user engagement by 25%.
- Optimized UI components for improved performance, enhancing usability scores by 20%.

ACHIEVEMENTS

- Achieved an All India Rank (AIR) of 367 in the Indian Statistical Institute (ISI) Examination.

2018

EDUCATION

Kalinga Institute of Industrial Technology (KIIT)

08/2022 - 08/2024

MCA, Masters of Computer Application | CGPA: 8.36

Kalikote University, Odisha

08/2019 - 08/2022

Bsc, Computer Science | CGPA: 7.70