

Shubham Shaw

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SUMMARY

Experienced Software Development Engineer with expertise in .NET and full-stack solutions, a strong track record leading impactful projects at Keka HR and DIATOZ, and a focus on platform optimization and automation. Skilled in system engineering, database design, and team collaboration, recognized for outstanding contributions, agile problem-solving, and analytical thinking. Driven by a passion for technology advancement and the continuous growth of skills.

SKILLS

Technical Skills	Database Design, Full Stack Development, API Management, System Development, Debugging, Systems Engineering, SQL, Angular, .NET Core, Azure, Java Spring Boot, CI/CD, MS SQL, Entity Framework, Kendo UI
Core Competencies	Analytical Problem Solving, Business Agility, Technical Understanding, Communication, Collaboration, Production Troubleshooting, Performance Tuning, Process Automation

WORK EXPERIENCE

- Optum, Senior Software Engineer**

Nov 2025 - Present

 - Led cross-functional engineering teams in platform engineering initiatives, driving technical excellence through microservices migrations and AWS optimizations that boosted system scalability by 35% and reduced deployment times by 25%.
 - Fostered innovation and collaboration by implementing compliance-ready workflows and API enhancements, achieving 95% plus on-time delivery while elevating platform reliability to 99.5% uptime.
- Keka HR, Software Engineer**

Sep 2024 - present

 - Migrated workflow modules to microservice architecture, enabling seamless cross-POD communication, inbox, and approvals, while optimizing reporting and scheduler automation to reduce manual effort by 40%.
 - Designed and implemented compliance-ready image processing pipelines, consistently achieving sprint deadlines (>90%) and driving platform reliability improvements above 99%.
- DIATOZ Digital A to Z Solutions, Software Development Engineer**

Aug 2021 - Aug 2024

 - Delivered optimized APIs and scalable backend/database solutions, accelerating client delivery by 30% and system throughput by 25%, with ongoing process improvement recognized by the “Pat on Back Award.”
- Wipro, Associate**

Nov 2018 – Jan 2020

 - Automated healthcare claims workflows, reducing process turnaround time by 50% with end-to-end scripting.
 - Improved data validation and accuracy, processing large sets of claims with near-zero rework.

PROJECTS

L&T Construction: Data Management, Pressure Drop, and GLM Modules [Demo/Details](#)

Led full-stack development for L&T Construction across transformer management, HVAC static pressure drop, and global masters (GLM) modules, using .NET Core and Angular. Delivered robust APIs and Azure integrations while automating document workflows, PDF merging, and ZIP creation. Enabled highly accurate data management, paperless operations, and fast, reliable approvals for engineering, finance, supply chain, and mobile teams—significantly improving operational turnaround and accuracy for key client processes.

Mashreq BCM Risk System [Demo/Details](#)

Worked on Risk Management System in Dot Net Core, focusing on backend API and database management for enhanced risk monitoring and reporting.

e2eWorkforce Reporting Automation [Demo/Details](#)

Built and integrated Spring Boot APIs and TDD practices; automated CICD with SonarQube and GitLab, expediting workforce reporting and deployment workflows.

Keka HR Automated Workflow Scheduler [Product Link](#)

Designed and implemented automated report scheduling, resource allocation, and compliance-compliant image processing pipelines. Migrated legacy workflows to microservices, reducing manual reporting time by over 40% and achieving 99% reliability for HR operations.

EDUCATION

2020 - 2021	Post Graduate Diploma in Software Engineering at Jadavpur University, Kolkata
2015 - 2018	Bachelor's Degree in Commerce (Honours) at Heramba Chandra College, Kolkata
2013 - 2015	Higher Secondary Education, Business/Commerce (General) at National High School, Kolkata
2013	Secondary Education at National High School, Kolkata

CERTIFICATIONS & AWARDS

- Post Graduate Diploma in Software Engineering – Jadavpur University, Kolkata (2023), JU_GRD_NO 1001256
- SQL (Intermediate) Certificate – HackerRank (Jun 2023)
- Problem Solving (Basic) Certificate – HackerRank (May 2023)
- C# (Basic) Certificate – HackerRank (May 2023)
- Advanced Python Course – Brainware University (Nov 2021)
- Basic Python Course – Brainware University (Mar 2021)
- [Pat on Back Award](#) – [DIATOZ Digital A to Z Solutions](#) (Feb 2022)