

TONY MATHEN

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EDUCATION

Santa Clara University, Santa Clara, CA

Sep 2021 – May 2023 (expected)

Master of Science in Computer Science and Engineering

Relevant Courses: Fall Quarter: Data Structures and Algorithms, Operating Systems

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India

Aug 2015 – May 2019

Bachelor of Engineering in Computer Science and Engineering GPA 3.48

Relevant Courses: Data Structures and Algorithms, Operating Systems, Computer Networks, Database Systems, Compiler Design, Object-Oriented Programming, Distributed Systems, Cloud Computing, Data Warehousing, Software Engineering

TECHNICAL SKILLS

- **Languages:** C, C++, Python, Java, C#, Javascript
 - **Databases:** DB2, MySQL, MongoDB, Cassandra
 - **Web Technologies:** HTML, CSS, Bootstrap, JQuery, React, AJAX, REST API, ASP.NET
 - **Cloud and DevOps:** Azure, Jenkins, Ansible, Docker, Kubernetes, ELK, Shell scripting, New Relic, Git
 - **Middleware Integration Tools:** IBM Websphere Message Queue (WMQ), IBM DataStage, IBM Integration Bus / App Connect Enterprise (ACE)
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WORK EXPERIENCE

Tata Consultancy Services, Chennai, India — Assistant System Engineer

Jul 2019 - Aug 2021

- Designed, developed and deployed integration solutions for a retail client using IBM DataStage, IBM WMQ, and IBM Integration Bus / App Connect Enterprise
- Ensured SLA compliance by troubleshooting production issues and handling on-calls during incidents
- Reduced deployment time of components by 60% by enhancing the CICD pipeline
- Worked on multiple POC's to migrate legacy auditing system to New Relic
- Experienced in working in DevOps and Agile based project

Samarth Institute, Jalna, India — Teaching Assistant (Mathematics)

Aug 2018 - Apr 2019

- Assisted students with their queries and collaborated with teachers to implement different instructional strategies to meet the needs of students
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TECHNICAL PROJECTS

Web-based Production and Inventory Management System (Sponsored)

(HTML, CSS, Bootstrap, JS, JQuery, ASP.NET, MySQL)

- Digitized the client's production process end to end by tracking the flow of materials, their consumption, and wastage
- Created dashboards to manage users, customers and enabled text messaging to share updates of manufacturing

Keylogger using C++

- Keylogger runs in the background and captures keystrokes, and mails the log to the specified mail address.

Gym Management System

(C#, MS SQL Server)

- Desktop application to maintain records of gym members, trainers, and equipment for the smooth functioning of the gym
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CO-CURRICULAR

- Vice-president of Computer Engineering Students Association (Undergrad) Aug 2018 – May 2019
- Active member of National Service Scheme (Undergrad) Aug 2017 – May 2019