# Shyren More

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Data Structures & Algorithms Track Record: Leetcode | TUF | GeeksForGeeks

## WORK EXPERIENCE

**Software Engineer (SDE) at Barclays**                                                      07/2023 - Present
Pune, Maharashtra, India (On-site, full-time)
- Co-created a **real-time payments authorization module for the Amazon Barclaycard**, achieving 70 transactions per second with a 60 ms P95 response time, leveraging Java, Spring Boot, and Amazon Web Services(AWS) for scalability and reliability.
- Engineered an optimized **FCA-compliant Persistent Debt** logic on the next-gen credit card platform by restricting evaluations to eligible accounts, resulting in 85% memory and processing savings over the legacy system utilizing AWS Lambda functions and ECS.
- Implemented and maintained CloudWatch alarms and metrics for every feature to conduct failure monitoring, with comprehensive technical documentation to support transparency and ongoing maintenance.
- Maintained high code quality through Test-Driven Development(TDD) and Behavior-Driven Development(BDD) practices using JUnit, Mockito and Cucumber, ensuring robust, testable, and business-aligned implementations.

**Developer at VPSie.inc**                                                      06/2022 - 07/2022
Greater New York, USA (Remote Internship)
- Engineered a secure **E-KYC system using face recognition** and optical character recognition(OCR) for identity card data extraction and user verification through recorded video and extracted identity card photo with a team of 4 developers.
- Delivered a 4-step client-side form with a custom drop zone, reactive OTP input, and video capture via MediaRecorder API.

**Web Developer at Cyboard School Pvt Ltd**                                                      06/2021 - 09/2021
Gurgaon, India (Remote Internship)
- Designed a responsive web UI with a performance score of 90+ on Google Lighthouse using HTML, CSS, Bootstrap, JS, and packages like AOS, sweet-alert, and Glightbox.
- Optimized homepage performance score on Desktop by 200% using speed optimization strategies like lazy loading, pre-fetching/pre-loading, caching that helped improve page ranking on search engines.
- Streamlined lead tracking by integrating website enquiry forms with Bitrix24 CRM using PHP, improving response time.

## EDUCATION

**B.E in Computer Engineering,** Thadomal Shahani Engineering College, Mumbai, 07/2019 - 06/2023          **CGPA: 9.49/10.00**
Relevant Coursework: Object Oriented Programming, Data structures, Analysis of Algorithms, Relational Databases

## PROJECTS

**Etherdocs | Final year graduation project**                                                      Documentation | Demo video
Academic Document Verification Decentralised Application
- Developed a blockchain-based decentralized application (DApp) for secure academic document verification, leveraging Ethereum, smart contracts in Solidity, and IPFS for document storage, achieving 100% immutability and tamper-proof records.
- Led a team of 3 students in designing and building the user interface using React.js, ensuring seamless interaction with blockchain elements.

## SKILLS

**Programming Languages, frameworks & libraries**: Java, Spring Boot, AWS Java SDK, Junit, Mockito, Cucumber, ReactJS
**AWS tools and services**: AWS SDK, Lambda, Kinesis Data streams(alternative to Kafka), DynamoDB, Simple Queue Service(SQS), IAM Roles and Policies, Glue Schema, S3, CloudWatch metrics and alarms, Systems Manager, ECS, Service Catalog, Cloudformation Templates(alternative to Terraform), OpsCenter
**Key modules**: Java Design Patterns, Microservices, Data Structures, Rest APIs, Object-Oriented Design, Event Driven Design

## ACCOMPLISHMENTS

- AWS Certified Cloud Practitioner, Amazon Web Services (AWS) (Jan 2025)
- Recognized with NGCB's Monthly Recognition Award in March 2024 for "Focus on business & project where NGCB can excel."
- Ranked 2/1700+ on Geeks on GeeksForGeeks platform (view standings).
- Ranked 1st in Project Expo Prakalp-2023 organised by Fr CRCE E-cell.
- Stood 3rd in Project Expo organised by TSEC E-cell-2022.