Shyren More

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Data structure and algorithms profiles: TUF | Leetcode | GeeksForGeeks

WORK EXPERIENCE

Barclays Bank PLC   Pune, Maharashtra, India
Software Engineer (BA4)   *07/2023 - Present*

- Co-created a **real-time payments authorization module for the Amazon Barclaycard**, achieving 70 TPS with a 60 ms P95 response time, leveraging Java, Spring Boot, RESTful architecture, 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.
- Architected and developed an **account onboarding feature** using SAGA orchestration and the transactional outbox pattern, enabling seamless integration across Treatments, Payments, and Transaction Processing domains.
- Built a proof-of-concept AI agent to resolve Prisma using Barclays' internal LLM to explore **Agentic AI-assisted problem resolution**.
- Executed the migration of microservice components to Java 17 and Spring Boot 3, enhancing system performance.
- Created alarms, metrics, dashboards, and a logging framework using AWS CloudWatch for effective production monitoring.
- Achieved 100% test coverage for new code using JUnit, Mockito & adopted BDD techniques to create clear feature scenarios, enhancing collaboration with developers, analysts, and QA teams.

VPSie Inc.   New York, United States (Remote)
Developer Intern   *06/2022- 07/2022*

- Engineered a secure **E-KYC system using face recognition** and optical character recognition (OCR) using machine learning techniques 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.

Cyboard School (EdTech Startup)   Delhi, India (Remote)
Web Developer Intern   *06/2021- 09/2021*

- 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, and caching that helped improve page ranking on search engines.

EDUCATION

Thadomal Shahani Engineering College   Mumbai, India
Bachelor of Engineering in Computer Engineering (CGPA: 9.49/10)   *2019 - 2023*

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 React.js, Ethereum, smart contracts in Solidity, and IPFS for document storage, achieving 100% immutability and tamper-proof records.

SKILLS

Programming Languages, frameworks & libraries : Java, Spring Boot, JUnit, Mockito, Cucumber, ReactJS, SQL, Python, PostgreSQL
AWS tools and services : AWS SDK, Lambda, Kinesis Data Streams (alternative to Apache Kafka), DynamoDB (NoSQL Database), 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 Architecture
Other : Git, Maven, SonarQube, Veracode, Jenkins, Bitbucket, Gitlab, Docker, Confluence, Infrastructure as code

ACCOMPLISHMENTS

- AWS Certified Cloud Practitioner, Amazon Web Services (AWS) (Jan 2025)
- Recognized with Partnerships spot award in Sept 2025 by Pete Seddon(Barclays Partnerships CIO).
- Ranked 3/1700+ 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.