

Darshan Chheda

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Right to work: Graduate visa (valid until Jan 2028)

Skills

Languages & Frameworks: Java, JavaScript, TypeScript, Python, SQL, Spring Boot, Node.js, React

Cloud & DevOps: AWS, GCP, Docker, Kubernetes, GitLab CI, Github Actions, Terraform

Databases & Tools: MySQL, PostgreSQL, DynamoDB, MongoDB, Git, Jira, Postman, Maven

Experience

Android Developer, Patreon (Self employed) – Mumbai, India Oct 2023 – Jun 2024

- Delivered 20+ custom XML UI templates, reducing client development time by 35%
- Achieved 95% client satisfaction through reusable Material Design components and repeat engagement
- Engineered animated Android UI components following Material Design specifications with responsive layouts supporting multi device form factors (phones, tablets, foldables)

Quality Assurance Tester Intern, XSILICA Software Solutions – Hyderabad, India Apr 2023 – Oct 2023

- Optimized PayG payment gateway performance, increasing TPS throughput by 3% through systematic load testing
- Reduced post-release defects by 40% through comprehensive test coverage
- Contributed to 4 release cycles, executing 250+ test cases (manual black-box, regression, API testing)

Projects

TextOps github.com/1337Xcode/TextOps

- Engineered polyglot microservices text editor (Python, Java, Rust, Node.js, PHP) with custom Go API gateway achieving <5ms latency overhead
- Migrated to serverless architecture (GCP Cloud Run, AWS Lambda) reducing operational costs by 94% while maintaining 99.9% uptime SLOs
- Implemented comprehensive CI/CD pipeline automating 70+ functional tests, synthetic monitoring with 288 daily checks, and zero-downtime deployments

Academic Student Management System github.com/1337Xcode/APMWA

- Architected full-stack academic progression platform serving 2 user roles with Express.js MVC architecture, 15+ versioned RESTful API endpoints, and 3NF-normalized MySQL database
- Implemented comprehensive OWASP Top 10 security framework including JWT authentication, bcrypt password hashing, AES-256 encryption, and parameterized SQL queries

Save the Planet github.com/1337Xcode/save-the-planet

- Led 5-member Agile team as Scrum Master delivering Java OOP board game, managing sprint planning via Jira and enforcing GitLab branching strategy with mandatory peer reviews
- Engineered comprehensive testing framework achieving 100% functionality coverage through 45 unit tests, 18 alpha tests, and 25 manual black-box tests

Education

Queen's University Belfast – Master of Science in Software Development – Distinction Expected 2024 – 2025

University of Mumbai – Bachelor of Commerce in Finance – First Class Honours 2020 – 2023

Certifications

AWS CloudQuest: Cloud Practitioner – Amazon Web Services [credly.com](https://www.credly.com/certifications/1337Xcode/cloud-practitioner)

AWS CloudQuest: Generative AI Practitioner – Amazon Web Services [credly.com](https://www.credly.com/certifications/1337Xcode/generative-ai-practitioner)

Machine Learning I – Columbia University [columbia.edu](https://columbia.edu/certificate/machine-learning-i)

Hackathons

NASA – SpaceAppsChallenge – London, UK Oct 2025

Google Cloud – GKE Turns 10 Hackathon – EMEA (Remote) Aug 2025

KAINOS – CodeConnect Challenge – Belfast, UK Jan 2025

Alteryx – Datathon – Belfast, UK Nov 2024