Darshan Chheda

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Education

Queen's University Belfast   Sep. 2024 – Present
Master of Science in Software Development (N/A)   *Belfast, UK*

University of Mumbai   2020 – 2023
Bachelor of Commerce in Accounting and Finance (First Class Honours)   *Mumbai, India*

Experience

Freelance Developer   Oct. 2023 – Jun. 2024
Android UI/UX Designer   *Mumbai, India*
- Created and published Android based templates and layouts for login screens and various other UI components on Patreon.
- Designed reusable interface and animated elements following Material Design guidelines for other developers to implement in their applications.

XSILICA Software Solutions Pvt. Ltd.   Apr. 2023 – Oct. 2023
Quality Assurance Tester Intern   *Hyderabad, India*
- Conducted manual and automated testing, resulting in the successful release of 4 software updates.
- Improved the security of their payment gateway application PayG by identifying manual bugs during its testing period.
- Enhanced Transaction Per Second (TPS) of Xsilica's payment gateway software by 3% by identifying potential bottlenecks.
- Actively participated in numerous project meetings and feedback sessions.

Projects

Sysphus - ToDo App   Source | Demo
- Developed a Jira-inspired task management web application using HTML, CSS, and JavaScript with custom board markup.

Sorting Demo - Algorithm Visualizing App   Source | Demo
- Built an interactive tool illustrating common sorting algorithms via step-by-step animations for easy understanding.

Leadership & Hackathons

Save the Planet Game (Coursework)   – Java, Git, Jira
- Managed all Jira related operations for a five-member team as a Scrum Master, facilitating requirements discovery, system design, sprint planning, story forms and user story creation.
- Oversaw GitLab workflows, conducted code reviews, handled version control and guided teammates on Git best practices.

Kainos Code Connect Challenge   – HTML5, CSS, JavaScript, EJS, Express.js, Node.js, JSON
- Developed the complete frontend for the site with a secure login system by implementing Role-Based Access Control (RBAC).
- Worked in an agile team environment, managing tasks through ticket assignments and sprint planning on Trello.
- Earned commendation for the system's professional yet minimalist design approach and meticulous attention to detail.

Alteryx Datathon   – Alteryx, Microsoft PowerPoint
- Utilized Alteryx software to analyze over-the-counter drug abuse data in Belfast.
- Developed scatter plots, bar plots and heat maps to effectively visualise and understand complex datasets.
- Contributed and delivered the team presentation on behalf of my group, achieving a top 3 runner-up position.

Technical Skills

Languages & Frameworks: Java, JavaScript, HTML5, CSS3, EJS, Spring Boot (Learning)

Databases: MySQL, MongoDB

Version Control: Git (GitHub, GitLab)

Agile Methodologies: Scrum, Kanban, TDD

Tools: Android Studio, VSCode, IntelliJ, Eclipse IDE, Jira, Trello

– References Available Upon Request.