Harshvardhan Dubey

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EDUCATION

University of Mumbai   **Mumbai, IN**
Bachelor of Engineering, Information Technology   *May 2019*
- **Cumulative GPA:** 8.47/10 | **Honors:** Outstanding performance award 2019, Ranked first in a class of 80
- **Coursework:** Applied Mathematics, Advanced Database Management Systems, Object Oriented Programming Methodology, Data Mining & Business Intelligence, Distributed Systems, Software Project Management

WORK EXPERIENCE

Larsen & Toubro Infotech   **Mumbai, IN**
Software Engineer, Banking and Financial Services domain   *Nov. 2019 - Present*
- Engineered various applications based on Advanced Java concepts, web technologies, and database frameworks
- Standardized a REST based data catalog consisting of 10m+ records in Oracle from Collibra Metadata and exposed it to a diverse group of consumers while maintaining privacy
- Planned releases to higher environments using CI/CD tools like Jenkins and Release Lifecycle Management
- Illustrated functionality by documenting project details on Confluence for ease of use
- Featured in L&T Infotech – Genesis Q1 Newsletter for being awarded the 'Pat on the Back', July 2021

Graduate Engineering Trainee, Application development and operations   *Aug. 2019 - Oct. 2019*
- Collaborated with a team of 4 developers to build an application to conduct examinations for up to 200 students
- Integrated a full stack application with an Angular based User Interface and Spring MVC back end
- Utilized VisualVM to identify bottlenecks and enhance performance up to 75%
- Systematized the codebase by maintaining a repository on Bitbucket for ease of collaboration
- Awarded 'Path Finder - exceptional capability of thinking out of the box', October 2019

PROJECTS

SpyD: An automated security tool
- Spearheaded an initiative to develop a user-friendly and fail-proof penetration testing tool
- Oversaw a group of 4 developers to assemble a device capable of performing up to 5 types of security breaches in the connected network for penetration testing
- Reduced the possibility of successful attacks by 50% by notifying network owners about the vulnerabilities
- Published a research paper titled "SpyD: An Automated Security Tool" in Journal of Emerging Technologies and Innovative Research ISSN:2349-5162, Vol.6, Issue 4, page no.724-728, April-2019

StayFit Sports Academy
- Developed a web-based, distributed systems application to showcase a Sports Academy website
- Designed CSS based user friendly UI to illustrate about 6 divisions of the academy for potential clients
- Assembled a distributed architecture to serve requests from multiple users effectively
- Hosted the project on the internet via a third party web hosting provider for easy availability

Portfolio Website
- Built a website using JavaScript, HTML5, and CSS3 to exhibit personal portfolio with an auto-deploy setup
- Leveraged GitHub, GitHub pages to host the codebase, CNAME, DNS to host it to a private domain
- Secured the site using SSL self signed certificates implemented by domain provider to prevent eavesdropping

TECHNICAL SKILLS & CERTIFICATIONS

Skills: Java (Core & Advanced), C, UNIX Shell Scripting | Spring Boot, Hibernate JPA, REST, Angular 8, Node.js, Swing, Bootstrap, Docker | SQL, PLSQL | git, Jenkins, SonarQube, Openshift, Jira, Confluence, Collibra, Bitbucket
Certifications: Microsoft Technology Associate: Introduction to Programming Using Java | Microsoft Technology Associate: Security Fundamentals | Brainbench: Java 8 | AWS Cloud Practitioner Essentials | AWS Technical Professional | AWS Business Professional | AWS Cloud Economics Accreditation

LEADERSHIP, RESEARCH & PUBLIC SERVICE EXPERIENCE

- Company Sergeant Major, National Cadet Corps - Led a squad of 60 cadets, awarded 'Best Word of Command'
- Research & Development lab, Larsen & Toubro Infotech - Spring Microservices & AngularJS Containerization
- Corporate Social Responsibility - Participated in a group teaching effort for a class of 30 school students