

Harshvardhan Dubey

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EDUCATION

Carnegie Mellon University

Pittsburgh, PA

Master of Information Systems Management

Dec. 2023

Coursework: Java for Application programmers, Statistics for IT Managers, Database Management, Organisational Design and Implementation, Professional Speaking, Business Writing, Economic Analysis

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

Sept. 2020 - Jul. 2022

- 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, Harness, and RLM
- 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 - Aug. 2020

- 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 by 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 a 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

Training & Certifications: Microsoft Technology Associate: Introduction to Programming Using Java | Microsoft Technology Associate: Security Fundamentals | AWS Cloud Practitioner Essentials | AWS Technical Professional | AWS Business Professional | AWS Cloud Economics Accreditation