Harshvardhan Dubey

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EDUCATION

Carnegie Mellon University   **Pittsburgh, PA**
Master of Information Systems Management | **GPA**: 3.51   *Dec. 2023*
Coursework: Java for Application programmers, Data Structures for Application programmers, Statistics for IT Managers, Database Management, Consulting, Economic Analysis, Product Management, Agile Methodology

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

TECHNICAL SKILLS & CERTIFICATIONS

Skills: Java [Core & Advanced], UNIX Shell Scripting | Spring Boot, Hibernate, REST, Angular, Node.js, Swing, Bootstrap, Docker | SQL, PLSQL | git, Jenkins, SonarQube, Openshift, Jira, Confluence, Collibra, Bitbucket
Training & Certifications: Scrum Inc. Registered Scrum Master | 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

WORK HISTORY

Larsen & Toubro Infotech   **Mumbai, IN**
Software Engineer, Banking and Financial Services domain   *Sept. 2020 - Jul. 2022*
- Engineered applications using Advanced Java, web technologies & database frameworks stated in the user story
- Standardized a REST-based data catalog consisting of 10M+ records in Oracle from Collibra Metadata
- Planned releases to higher environments using CI/CD tools like Jenkins, Harness, and RLM
- Featured in L&T Infotech (July 2021) – Genesis Q1 Newsletter for being awarded the 'Pat on the Back'

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 75% for application optimization
- 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
- Directed 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
- Published a research paper titled '[SpyD: An Automated Security Tool](#)' in the 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

[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