

Harshvardhan Sanjay Dubey

Cincinnati, OH | +1 (513) 957-6035 | www.harshdubey.com | dubeyharsh7@gmail.com

SUMMARY

Experienced Software Engineer with over 3 years of professional proficiency in Angular, Java, Oracle SQL, and CI/CD, and a proven track record of delivering client-centric solutions.

WORK HISTORY

The Jackson Laboratory

Remote, Pittsburgh, PA

Student Intern

May 2023 - August 2023

- Optimized deployment with CI/CD pipelines, achieving a 30% efficiency boost in development and testing
- Developed and executed API test suites in Postman, including load testing, resulting in a 95% success rate
- Assisted in developing Terraform-based cloud standards, leveraging a GCP backend to deploy an IaC
- Designed Cypress frontend tests to ensure optimal user experience and achieve 100% functional accuracy

Larsen & Toubro Infotech

Mumbai, IN

Software Engineer

August 2019 - July 2022

- Engineered full-stack applications in Advanced Java, achieving a 3-second response time reduction on average
- Standardized a REST-based data catalog consisting of 10M+ records in Oracle from Collibra Metadata
- Planned releases to higher environments using CI/CD tools resulting in a 20% reduction in release cycle time
- Featured in L&T Infotech (July 2021) – Genesis Q1 Newsletter for being awarded the ‘Pat on the Back’

ACADEMIC PROJECTS

Blockchain Implementation: Distributed Systems

- Assembled a blockchain implementation resulting in a robust and cohesive system with 100% accuracy
- Devised functions for seamless block addition, hash rate calculation, block retrieval, chain validation, and swift repair when needed, resulting in a 15% efficiency boost
- Orchestrated effective proof-of-work computation, ensuring compliance with specified difficulty levels

Chuck Norris API: Creative Android App with Cloud Integration

- Developed a user-friendly native Android app with diverse views to display jokes fetched from a 3rd party API
- Engineered a creative distributed application with a mobile component and cloud-based RESTful web service, enhancing data retrieval efficiency by 50% by implementing MongoDB Atlas

SpyD: An automated security tool

- Led a team of 4 developers in creating a device for up to 5 types of penetration tests in a network
- Reduced the possibility of successful attacks by 90% by notifying network owners about the vulnerabilities
- Published a research paper titled ‘[SpyD: An Automated Security Tool](#)’, ISSN:2349-5162

EDUCATION

Carnegie Mellon University

Pittsburgh, PA

Master of Information Systems Management | GPA: 3.81/4

December 2023

Honors: Dean's list Spring 23, Fall 23

Coursework: Data Structures, Java, Data Focused Python, Distributed Systems, Database Management, Agile Methodologies, Consulting, Product Management, IT Project Management, Managing Analytic Projects

University of Mumbai

Mumbai, IN

Bachelor of Engineering, Information Technology | GPA: 8.47/10

May 2019

Honors: Outstanding Performance Award 2019, Ranked first in a class of 80

Coursework: Data Mining & Business Intelligence, Object Oriented Programming Methodology, Advanced Database Management, Distributed Systems, Software Project Management, Applied Mathematics

SKILLS & CERTIFICATIONS

Technical: Java, Spring Boot, JavaScript, C, Python, Blockchain, Android, MongoDB, MVC, Hibernate, REST, SQL, PL/SQL, Angular, UNIX, Chai.js, HTML, CSS, Bootstrap, Cypress, Postman, Jira, Git, CI/CD, Kubernetes

Certifications: Microsoft Technology Associate: Introduction to Programming Using Java, Microsoft Technology Associate: Security Fundamentals, Scrum Inc. Registered Scrum Master