Harshvardhan Dubey

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SUMMARY

Tech Lead and Senior Full-stack Engineer with 4 years of experience in Angular, Java, Oracle SQL in Banking & Financial Industry. Boosted efficiency by 20% through enhanced financial reporting capabilities and data-centric solutions.

EDUCATION

Carnegie Mellon University — Pittsburgh, PA
Master of Information Systems Management — *August 2022 – December 2023*

University of Mumbai — Mumbai, IN
Bachelor of Engineering, Information Technology — *June 2015 – May 2019*

EXPERIENCE

Senior Software Engineer — February 2024 – Present
LTIMindtree — *Tampa, FL*

- Orchestrated **Angular AG Grid** to present detailed reports, enhancing data visibility and user efficiency by 40%, aiding strategic decision-making in financial reporting
- Innovated asynchronous functions in Angular to manipulate back-end data, reducing wait times by 15 seconds
- Revamped **website navigation**, cutting misdirection by 30% and adding comparison feature across various apps
- Developed a comprehensive set of wireframes in **Figma** that enhanced visual communication with users, resulting in a 40% increase in positive user feedback during testing and a more cohesive design process
- Implemented Java-based scheduled automation for **Oracle** report generation, cutting manual effort by 75%
- Remodelled spreadsheet processing for streaming Excel workbook, enhancing efficiency and reducing heap load
- Authored **Cypress** frontend tests to ensure optimal user experience and achieve 100% functional accuracy
- Conducted **code reviews** leading to reduction of production issues by 20% and enhancing software reliability
- **Mentored** multiple hackathons, guiding colleagues through the full-stack SDLC lifecycle

Software Engineer — August 2019 – July 2022
Larsen & Toubro Infotech — *Mumbai, IN*

- Engineered end-to-end applications in **Advanced Java & Angular**, slashing response time by 3 seconds; optimized backend database queries and front-end rendering for an improved user experience
- Standardized a **REST**-based data catalog consisting of 10M+ records in Oracle from Collibra Metadata
- Devised a **Spring Boot** app to retrieve data from Collibra APIs using Feign client, enabling efficient data access
- Innovated a **JSON schema validator**, boosting file validation efficiency and saving up to 8 hours per week
- Prepared and executed **API** test suites in Postman, including load testing, resulting in a 95% success rate
- Facilitated deployments to higher environments using **Harness**, resulting in a 20% reduction in deployment time
- Leveraged **Blackduck** to identify bottlenecks and vulnerabilities, successfully enhancing performance by 45%
- Featured in L&T Infotech (July 2021) – **Genesis Q1 Newsletter** for being awarded the 'Pat on the Back'

PROJECTS

JavaChain | *Blockchain, Distributed Systems, Java*

Designed a Java blockchain architecture enhancing transaction efficiency, reducing retrieval times by 50%. Implemented security features that safeguarded against 98% of vulnerabilities identified through testing.

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, C, Python, SQL, PL/SQL, HTML, CSS
Frameworks: Spring Boot, Angular, MVC, Hibernate, REST, Blockchain, Android
Developer Tools: Postman, Jira, Git, CI/CD, Kubernetes, Docker, Eclipse, Visual Studio, Android Studio, Figma
Libraries: Spring, Hibernate, Chai.js, Bootstrap, Cypress, pandas, NumPy, Matplotlib
Certifications: Angular Certified Developer (Level 2), Microsoft TA- Introduction to Programming using Java