UMANG DHANDHANIA

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EDUCATION

Northwestern University, Evanston   **September 2022 - Present**

Master of Science (MS) – Majoring in Computer Engineering & Minors in Engineering Management.
Graduate Teaching Assistant for CS:323 – Code Analysis & Transformation. Advisor – Simone Campanoni
Relevant Coursework: Advanced Networking, ASICS & FPGA, Human Computer Interaction and Negotiations for Engineers.

Visvesvaraya National Institute of Technology, Nagpur   **June 2021**

Graduated in Bachelors of Technology in Computer Science and Engineering with 7.96 GPA received.
Relevant Coursework: Data Structure & Algorithms, Operating Systems, Computer Networks, Theory of Computation, Database Management Systems, Microprocessors and Compilers.

PROFESSIONAL EXPERIENCE

Persistent Systems, Pune   **May 2021 – July 2022**

Software Engineer

- Devised a feature for one of the largest banks in India solely, reducing turn around time for disbursal of loans across customer fleet by noteworthy amount.
- Collaborated as a part of new loan journey, developed, and maintained code and configurations leveraging Salesforce – Aura, Apex and LwC. Significant magnitude of my development is live and leveraged by the bank to drive in new customers.

Credit Suisse, Pune   **May 2020 - June 2020**

Technology Intern, Core Infrastructure

- Analyzed as a part of core infrastructure team to understand IT services and Networking incorporated in the company.
- Performed Data Analysis on confidential dataset of the company deploying Tableau charts, dashboards, and storylines.

ACADEMIC PROJECTS

Coding Assignment Submission and Grading Tool

- Designed and developed an efficient tool for automated coding assignment submission and grading. Students and instructors can utilize the tool for quick submission and grading of assignments. Included an IDE on the board, all required authentication and authorization facilities.
- Integrated with other team to combine plagiarism aspect of the tool.
- Backend operating through Django, UI using Bootstrap and jQuery, and visualisation leveraging ChartJS libraries.

Burger Builder App

- React Js application built from scratch enhancing user experience for building a real-time burger.
- Allows interactive ingredients addition with dynamic amount update, inbuilt authentication and authorization, and database with Firebase deployment.
- Further, upgraded with React Hooks and Redux for state management. AJAX HTTP requests through axios library.

SOFTWARE SKILLS

- Programming Languages: C++, Java, Python
- Web Development: HTML, CSS, JavaScript
- Frameworks: Django, React, Spring Boot, GraphQL
- Database: SQL
- Others: Machine Learning, Computer Networks and Compilers

LEADERSHIP AND EXTRA-CURRICULAR

- **Team Leader:** Appointed to lead a team of 30 students for building a software in software lab course.
- Collaborated with the HoD of Civil Engineering Department to build and integrate GUI in Java to take input for a C program.
- Accomplished Master of Arts in Indian Classical Music certified by Akhil Bhartiya Gandharv Mahavidyalaya, Mumbai.

HONORS & AWARDS

- Recipient of merit certificate for academic years 2015, 2016 in Physics, Chemistry and Maths.
- Secured a rank of 4235 in JEE Main, entrance examination taken by 1.3 million students.
- Certificate of Appreciation in Tabla (Music) for six consecutive years by school.