

# SHESHENDRA DESIBOYINA

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## EDUCATION

### Stevens Institute of Technology

Master of Science in Software Engineering; GPA: 3.7/4

Courses: Fundamentals of Software Engineering, Software Requirements and Analysis Engineering, Cost Estimation and Metrics.

Hoboken, New Jersey

August 2022 – May 2024

### Amrita University

Bachelor of Technology in Computer Science and Engineering

Tamil Nadu

July 2017 – July 2021

## SKILLS

**Languages/Technologies:** Java, JavaScript, TypeScript, Python, C, SQL

**Frameworks:** Angular, Node.JS, React, HTML, CSS, Spring Boot

**Relational Databases:** Oracle, MySQL

**Technical Tools:** Visual Studio, git, Bitbucket, Jira, Agile, Testing, Excel, Word, Docker, Aws, Gcp

## EXPERIENCE

### INFOSYS

Hyderabad, India

Software Engineer

June 2021 – August 2022

- Engineered a new feature for the HR Application to calculate total employee working hours per week and generate a CSV file, resulting in reducing workload by 15% for HR staff.
- Employed different Core Java concepts such as Multi-Threading, Exception Handling, Collection APIs to implement various features and enhancements.
- Collaborated with cross-functional teams to create Rest APIs serving information to front-end, handling over 2,000 concurrent users with minimal latency.
- Implemented Tiles based framework to present the layouts to the user and developed UI using view tags (HTML), JavaScript, CSS.

Software Intern

July 2020-June 2021

- Developed unit test cases for the data access layer and business components using Junit. Used Log4j to log messages of application for debugging and tracking purposes.
- Utilized JIRA for bug tracking. Experience in working with version control system GIT and Maven build tool to maintain Project dependencies.
- Optimized Oracle database queries and schema upgrades to enhance loading speed by 32%, leading to quicker processing times for HR tasks.

## ACADEMIC PROJECTS

**E-commerce Website:** Designed an interactive e-commerce website for an academic project using React, Strapi, and Stripe, showcasing proficiency in modern web development technologies. Leading to a 15% increase in successful transactions within the academic context.

**Notes App:** Developed a responsive React-based UI for seamless note management, supported by a stable Node backend communicating with MongoDB for real-time updates. Integrated delete functionality and enabled global access by hosting on Vercel.

**Tic-Tac-Toe Game:** Built a Python Tkinter-based GUI for a dynamic Tic-Tac-Toe game with single-player and two-player modes. Integrated the random library for challenging single-player moves, offering an engaging gaming experience. Enables friendly competitions in two-player mode.

## CERTIFICATIONS And LEADERSHIP SKILLS

- Mentored 25 students in Leadership Program through Indian Developed Foundation in 2018

### Certifications Achieved:

Front-End JavaScript Frameworks: Angular (Coursera, University of Hong Kong)  
virtual internship as Data Analytics Consulting Virtual Internship from KPMG (Forage)  
HTML, CSS, and JavaScript for Web Developers (Coursera, Johns Hopkins University)