

Shreyas Deshpande

Portfolio: <https://shreyasdeshpande.in/>

LinkedIn: <https://www.linkedin.com/in/shreyasdeshpande7/>

Github: github.com/shreyJS

Leetcode: <https://leetcode.com/u/deshpandeshreyas850/>

Email: deshpandeshreyas850@gmail.com

Mobile: +91-9082028676

EDUCATION

- **KC College of Engineering, Thane** Mumbai, India
Bachelor of Engineering (Computer Science) - 7.2 CGPA July 2018 - June 2024
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Blockchain, Machine Learning, Computer Networks, Database Management System, Object Oriented Programming
- **Mahila Samiti Highschool of Science, Dombivli** Mumbai, India
HSC 12th (Computer Science) - 73% August 2016 - June 2018
Courses: Physics, Chemistry, Mathematics, Computer Science
- **Vidya Niketan, Dombivli** Mumbai, India
SSC 10th - 82% May 2016

SKILLS SUMMARY

- **Languages:** JavaScript, TypeScript, SQL, JAVA, HTML, CSS
- **Libraries/Frameworks:** NodeJS, NextJS, React, Express, Rest API
- **Tools:** GIT, MongoDB, PostgreSQL, MySQL, SQLite
- **Platforms:** Web, Windows,
- **Soft Skills:** Event Management, Public Speaking

PROJECTS

- **Devcenter - blogging app (Identity and Access Management, Cryptography):** (August 2024)
 - Built a feature-rich, responsive web application with MERN stack, designed using TailwindCSS and Flowbite. Followed a **mobile-first approach** and ensured full responsiveness on 6+ breakpoints.
 - Implemented **JWT (JSON Web Tokens)** for secure user authentication and **Google OAuth 2.0** for social login, as well as **Role-based authentication** for securing 3 routes with restricted access.
 - Implemented **Redux Toolkit** for efficient, scalable **state management** of 2 states across the application.
 - Implemented integrated **dark mode** toggle using React state for intuitive UI experience on all 10 pages. Combined MongoDB text indexes with React for optimized **search functionality**.
 - Developed using React, Expressjs, Node, MongoDB, and 15 third-party packages, source code available on GitHub and live demo hosted on render (might take up to a minute to load)
- **Multi-threaded web server using Java (Concurrency, Thread Management, Context Switching, Sockets, Error Handling):** (July 2024)
 - Developed a command-line interface application in Java to demonstrate various web server architectures and core concepts from **Operating Systems** and **Computer Networks**. source code
 - **Single-Threaded Server:** Tested and processed 1,000 incoming HTTP requests per second **sequentially** with a maximum of **25ms connection time** while showcasing basic server operations.
 - **Multi-Threaded Server:** Developed a robust multi-threaded server capable of concurrently processing 1,000 HTTP requests per second, with a maximum of **2ms connection time**, improving operational efficiency.
 - **Thread Pool Server:** Utilized a fixed-size thread pool to manage and reuse threads efficiently thereby improving performance and resource management.

ACHIEVEMENTS

- **J.P. Morgan Software Engineering Virtual Experience on Forage:** (March 2024)
 - Built an interface with a stock price data feed and visually displayed data to assist traders.
- **AWS Knowledge: Compute:** (June 2024)
 - Gained hands-on experience with Amazon EC2 instance types, workload optimization, and cost-performance balancing.
 - Built and configured EC2 instances, and implemented AWS Lambda functions for serverless applications.
 - Applied best practices for EC2 rightsizing, cost optimization, and serverless function monitoring and troubleshooting.
- **Google Android Developer Virtual Internship:** (April 2024 - June 2024)
 - Gained experience with building Android apps using Kotlin
 - Applied Material Design principles and created UIs using Jetpack Compose.

EXPERIENCE

- **Virtual Customer Service Associate** Amazon (Remote)
Currently working as customer service associate for North America Business Customers July 2024 - Present