

Shreyas Deshpande

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

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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, Time Management, Problem solving,

PROJECTS

- **Devcenter - blogging app (Identity and Access Management, Cryptography):** (August '24)
 - A feature-rich, responsive web application built with the MERN stack, designed using TailwindCSS and Flowbite. The project follows a **mobile-first approach** and ensures full responsiveness across devices.
 - Implemented **JWT (JSON Web Tokens)** for secure user authentication and **Google OAuth 2.0** for social login, as well as **Role-based authentication** secures admin sections with restricted access.
 - **Redux Toolkit** for efficient, scalable **state management** across the application.
 - Implemented integrated **dark mode** toggle using React state for intuitive UI experience. MongoDB text indexes combined with React for optimized **search functionality**.
 - **Tech stack** : This project is developed using React, Expressjs, Node, MongoDB and various third-party libraries [src code](#) on github and [live demo](#) hosted on render (might take upto a min to load)
- **Multi-threaded web server using Java (Concurrency, Thread Management, Context Switching, Sockets, Error Handling):** (July '24)
 - Developed a command-line interface application in Java to demonstrate various web server architectures and core concepts from **Operating Systems** and **Computer Networks**. [src code](#)
 - **Single-Threaded Server** : Processes incoming HTTP requests sequentially, showcasing basic server operations.
 - **Multi-Threaded Server** : Handles multiple client requests concurrently by spawning a new thread for each connection.
 - **Thread Pool Server** : Utilizes a fixed-size thread pool to manage and reuse threads efficiently, improving performance and resource management.

ACHIEVEMENTS

- J.P. Morgan Software Engineering Virtual Experience on Forage - March 2024
- AWS Knowledge: Compute - June 2024
- Google Android Developer Virtual Internship, April - June 2024

EXPERIENCE

- **Virtual Customer Service Associate** Amazon (Remote)
CS Associate for North America Business Customers July 2024 - Present