

SHREYAS PATIL

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[in Shreyas](#) | [shreyas-3007](#) |

Pune, Maharashtra - India

SUMMARY

Full Stack Developer with expertise in Java, JavaScript, and specializing in building scalable web applications. Proficient in technologies like React.js, Node.js, Express.js, and MongoDB. Committed to continuous learning and contributing innovative solutions in a dynamic tech environment.

EDUCATION

- Vishwakarma Institute of Information Technology** Feb 2021 - May 2024
Electronics and Telecommunication Engineering Pune, India
 - CGPA: 9.04/10.00


INTERNSHIP

- A JAVA HOME** January 2024 - June 2024
Trainee Software Developer Pune, India
 - Worked on web application using React, Node.js, Express, MongoDB, and Bootstrap.
 - Managed version control with Git and GitHub while collaborating in a team.
 - Improved project modularity and resolved bugs, enhancing overall efficiency.

SKILLS

- Programming Languages:** Java, JavaScript, Python
- Web Technologies:** React.js, Node.js, Express.js, HTML, CSS
- Database Systems:** MongoDB, MySQL
- Version Control:** Git, GitHub, RESTful APIs, Postman
- Specialized Area:** State Management (Redux) and API Optimization.
- Mathematical & Statistical Tools:** NumPy, Pandas, Matplotlib

PROJECTS

- Project 1: Ethere** 
Tech Stack: JavaScript, MongoDB, React.js, Express.js, Node.js, REST API, Bootstrap
 - Developed a full-stack e-commerce platform using the MERN stack, improving website load time by 30% through optimized API calls and efficient state management with Redux.
 - Implemented responsive UI components using React.js, enhancing user experience and boosting interaction by 30%.
 - Created scalable RESTful APIs with Node.js and Express.js, reducing response times by 35% and ensuring seamless frontend-backend communication.
- Project 2: Graph Analysis and Equation Decoding**
Tech Stack: Python, YOLO, OpenCV, Image Processing, OCR
 - Developed a comprehensive system for automated extraction of equations from graph images, employing YOLO for detecting curves and components.
 - Integrated image preprocessing techniques like normalization, noise reduction, and thresholding for accurate curve segmentation.
 - Achieved precise bounding box detection and curve fitting using polynomial regression, enabling real-time equation extraction from graph images.
 - Incorporated OCR for extracting axis scales, facilitating the conversion of pixel coordinates into real-world values for accurate data representation.

CERTIFICATIONS

- DBMS Course - Master the Fundamentals and Advanced Concepts by Scaler** Dec 2023
- Data Structure and Algorithm in Java for Intermediate Level by Great learning** Jul 2022
- Node JS Certification Course-Master the fundamentals by Scaler** Dec 2023

COMPETITIVE PROGRAMMING

- LeetCode** : 
Solved 500+ DSA questions 2022-2024
- HackerRank** 
Five Stars Badge in java programming language 2022-2023