

SHASHANK KOTA

Mumbai, Maharashtra

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Work Experience

The Boring Studio

December 2023 – February 2024

FullStack Development Intern | [Link](#)

Remote

- Lead the development of Heyoo Mobile Application. Implemented a robust JWT authentication system, deeplinking system using GoRouter and error handling in Flutter.
- Created a scalable architecture in the Frontend by utilizing Flutter Hive to store chat data locally, thereby enhancing the chatting process with improved intuitiveness and speed.
- In Backend, employed Socket.io server, Redis, and Kafka to implement scalable chatting for multiple users simultaneously.

Godrej Industries Limited

December 2022 – March 2023

Mobile Application Development Intern | [Link](#)

Mumbai, Maharashtra

- Demonstrated proficiency in the development of a mobile application's home screen widget, alongside with the execution of vital background tasks to bolster application performance.
- Adeptly translated Figma design elements into Flutter code, and implemented the establishment of deep links to optimize internal application functionality.
- Utilized the Jira tool to effectively manage project planning and monitor task progress. Orchestrated the Agile methodology throughout the development lifecycle, fostering a dynamic and collaborative work environment.

Website Angelsinn.in

August 2022

Freelance web developer | [Link](#)

Remote

- Effectively conceptualized, developed, and deployed a customized website, as per the specifications defined.
- Technologies used: HTML, CSS, JavaScript, Figma and PHP

Projects

AI Trainer | Machine Learning, Python, MERN, Flask | [GitHub](#)

June 2023 - Current

- * AI Trainer with Machine Learning and Flask is a web application focused on posture assessment and improvement.
- * It combines React.js, Tailwind CSS, and JavaScript for the Frontend, while Flask and Node.js handle the Backend.
- * Utilized mediapipe for pose estimation and pickle for model storage, I've integrated a diverse array of ML algorithms like Logistic Regression, Ridge Classifier, Random Forest Classifier, and Gradient Boosting Classifier to analyze user posture.

MUQA: Mumbai University Q&A | Node.js, Flutter, AWS | [Link](#)

November 2023 - December 2023

- * Orchestrated the full-stack development of MUQA, a dynamic mobile application designed for Mumbai University students.
- * Utilized Flutter for Frontend development, Node.js for Backend implementation, and AWS DynamoDB for database management. Orchestrated deployment on AWS EC2 to ensure high availability and reliability.
- * MUQA facilitates efficient paper revisions by providing a user-friendly platform to access and review past years' question papers and solutions.

Dealership API | MongoDB, Express.js, React.js, Node.js | [GitHub](#)

May 2023

- * Engineered a project with the aim of automating dealership operations, encompassing the sales process and the establishment of multiple deals across a wide range of vehicles.
- * Integrated JWT authentication to ensure secure user and dealership interactions.
- * This system empowers users to review available deals, make selections, and complete transactions. Users have access to an array of vehicles and can explore different dealerships presenting diverse inventories.

Sell Easy | MongoDB, Express.js, Node.js, Bootstrap | [GitHub](#) | [Link](#)

July 2022 - Dec 2022

- * Designed and developed an auction based e-commerce platform facilitating the purchase and sale of diverse products.
- * The project encompasses a robust authentication system for both buyers and sellers.

Android TV remote app | Android Native, Java | [GitHub](#)

June 2021 - Dec 2021

- * Developed an Android application enabling users to seamlessly control a Smart TV through their mobile device.
- * Implemented a robust back-end system to process user-inputted instructions, subsequently generating and transmitting the corresponding signal to the local TV unit.

Education

Mumbai University

July. 2020 – May 2024

Bachelor of Engineering in Computer Engineering (CGPA of 9.25)

Mumbai, Maharashtra

Technical Skills

Languages: Python, Java, C, C++, HTML/CSS, JavaScript, Typescript, SQL, DART(Flutter)

Developer Tools: VS Code, Android Studio, MongoDB, MySQL

Technologies/Frameworks: Node.js Express, React.js, GitHub, Flutter

Designing: Adobe (Photoshop, XD, Premiere Pro), Canva

Profile Links

- [Codeforces](#)
- [CodeChef](#)
- [Leetcode](#)
- [GitHub](#)
- [Stackoverflow](#)

Achievements / Extracurricular

- Secured 1st position in Internal Smart India Hackathon.
- Volunteer in Software development team of Atharva College of Engineering event Rhythm-Ember 2022